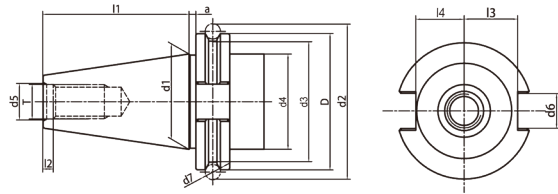
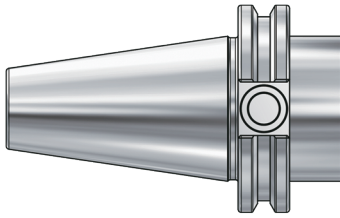


TOOL HOLDERS

CAT

CAT Taper Standard CAT 锥柄标准



Size	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	T
CAT30	1.812	1.25	2.176	1.531	1.25	0.516	0.645	0.2813	1.875	0.188	0.735	0.64	0.44	1/2-13
CAT40	2.500	1.75	2.863	2.219	1.75	0.641	0.645	0.2813	2.687	0.188	0.985	0.89	0.44	5/8-11
CAT50	3.875	2.75	4.238	3.594	2.75	1.020	1.020	0.2813	4.000	0.250	1.485	1.39	0.44	1-8

Taper standard: ANSI B5.50

Material: Alloyed case hardened steel

Surface Treatment: Blackening and Bright

Taper tolerance: <AT3

Hardness: HRC 56-60

Carbon depth: 0.8±0.2mm

Surface Roughness: Ra<0.2µm

Balancing: G6.3/15000; G2.5/25000

Cooling: AD; AD/B can be made by request.

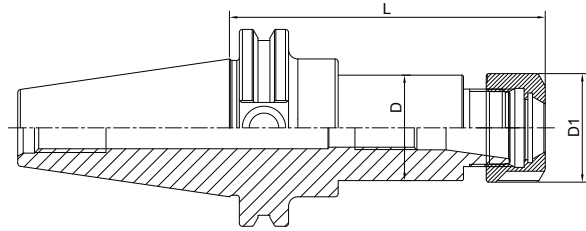
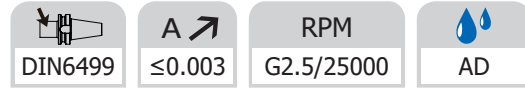
CAT TOOLING SYSTEM CAT 工具系统

ER Collet Chuck	E.04
ER弹簧夹头刀柄	E.04
Power Milling Chuck.....	E.07
强力铣刀柄	E.07
TG Collet Chuck.....	E.07
TG 超强力刀柄	E.07
Face Mill Holder	E.08
面铣刀柄.....	E.08
End Mill Holder.....	E.09
侧固刀柄.....	E.09
Morse Taper Adapter	E.14
带扁尾莫氏刀柄.....	E.14
Tool Holder Adapter Sleeve	E.14
转换刀柄	E.14
Drill Chuck Adapter	E.15
钻接杆	E.15
APU Drill Chuck Holder	E.15
APU钻夹头刀柄.....	E.15
Precision Drill Chuck Holder	E.16
精密钻夹头刀柄	E.16
Quick Change Tapping Chuck	E.16
弹性快换攻丝刀柄	E.16
Screw-in Milling Cutter Holder.....	E.17
SOM 锁牙刀柄	E.17
Runout Adjustable Flange Adapter.....	E.20
可调节精度法兰刀柄	E.20
UM Adjustable	E.20
UM调零刀柄	E.20
Boring Bar Blank	E.21
基础柄	E.21
Test Arbor	E.21
主轴检测棒	E.21
Alignment Tool for ATC Arm	E.22
调整机械用手用组合模具	E.22



ER Collet Chuck with UM Nut

ER 弹簧夹头刀柄

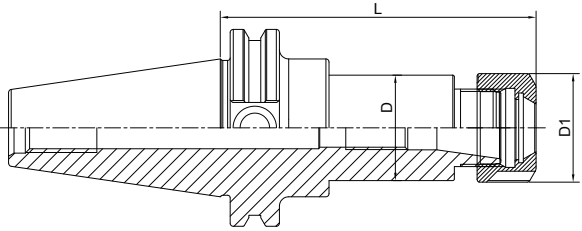


Size	D	D1	L	Capacity
CAT40-ER16UM-2.5"	44.45	32	2.5"	1-10
CAT40-ER20UM-2.5"	34	35	2.5"	1-13
CAT40-ER25-2.5"	42	42	2.5"	2-16
CAT40-ER32-2.5"	44.45	50	2.5"	2-20
CAT40-ER40-3"	50	63	3"	3-26
CAT40-ER16UM-4"	28	32	4"	1-10
CAT40-ER20UM-4"	34	35	4"	1-13
CAT40-ER25-4"	42	42	4"	2-16
CAT40-ER32-4"	44.45	50	4"	2-20
CAT40-ER40-4"	50	63	4"	3-26
CAT40-ER16UM-6"	28	32	6"	1-10
CAT40-ER20UM-6"	34	35	6"	1-13
CAT40-ER25-6"	42	42	6"	2-16
CAT40-ER32-6"	44.45	50	6"	2-20
CAT40-ER40-6"	50	63	6"	3-26
CAT40-ER16UM-8"	28	32	8"	1-10
CAT40-ER20UM-8"	34	35	8"	1-13
CAT40-ER25-8"	42	42	8"	2-16
CAT40-ER32-8"	44.45	50	8"	2-20
CAT40-ER40-8"	50	63	8"	3-26

CAT

ER Collet Chuck with UM Nut
ER 弹簧夹头刀柄

DIN6499	A ≤ 0.003	RPM G2.5/25000	AD
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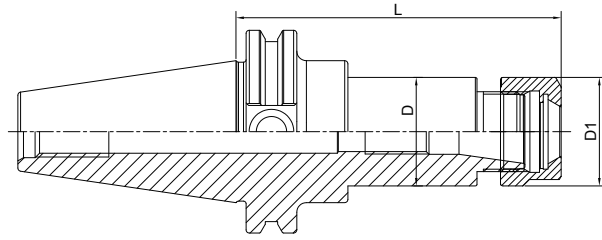
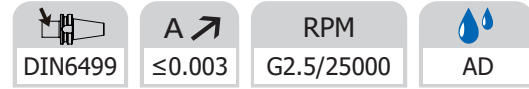


Size	D	D1	L	Capacity
CAT50-ER16UM-2"	28	32	2"	1-10
CAT50-ER20UM-2"	34	35	2"	1-13
CAT50-ER25-2"	32	42	2"	2-16
CAT50-ER32-2"	44.45	50	2"	2-20
CAT50-ER16UM-4"	28	32	4"	1-10
CAT50-ER20UM-4"	34	35	4"	1-13
CAT50-ER25-4"	42	42	4"	2-16
CAT50-ER32-4"	50	50	4"	2-20
CAT50-ER40-4"	63	63	4"	3-26
CAT50-ER50-4"	78	78	4"	6-34
CAT50-ER16UM-6"	28	32	6"	1-10
CAT50-ER20UM-6"	34	35	6"	1-13
CAT50-ER25-6"	42	42	6"	2-16
CAT50-ER32-6"	50	50	6"	2-20
CAT50-ER40-6"	63	63	6"	3-26
CAT50-ER16UM-8"	28	32	8"	1-10
CAT50-ER20UM-8"	34	35	8"	1-13
CAT50-ER25-8"	42	42	8"	2-16
CAT50-ER32-8"	50	50	8"	2-20
CAT50-ER40-8"	63	63	8"	3-26

CAT

ER Collet Chuck with Hex Nut

ER 弹簧夹头刀柄

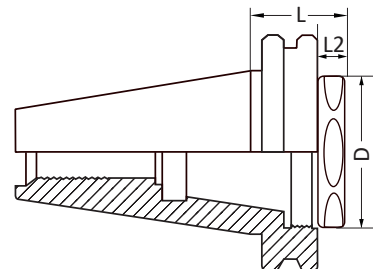
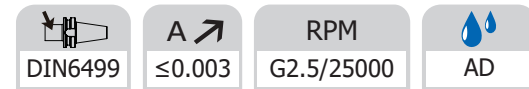


Size	D	D1	L	Capacity
CAT40-ER11-2.5"	19	19	2.5"	1-7
CAT40-ER16-2.5	44.45	28	2.5"	1-10
CAT40-ER20-2.5	34	34	2.5"	1-13
CAT40-ER11-4"	19	19	4"	1-7
CAT40-ER16-4"	28	28	4"	1-10
CAT40-ER20-4"	34	34	4"	1-13
CAT40-ER11-6"	19	19	6"	1-7
CAT40-ER16-6"	28	28	6"	1-10
CAT40-ER20-6"	34	34	6"	1-13
CAT40-ER16-8"	28	28	8"	1-10
CAT40-ER20-8"	34	34	8"	1-13
CAT50-ER16-2"	28	28	2"	1-10
CAT50-ER20-2"	34	34	2"	1-13
CAT50-ER16-4"	28	28	4"	1-10
CAT50-ER20-4"	34	34	4"	1-13
CAT50-ER16-6"	28	28	6"	1-10
CAT50-ER20-6"	34	34	6"	1-13
CAT50-ER16-8"	28	28	8"	1-10
CAT50-ER20-8"	34	34	8"	1-13

CAT

ER Collet Chuck, Short

ER 弹簧夹头刀柄, 超短型

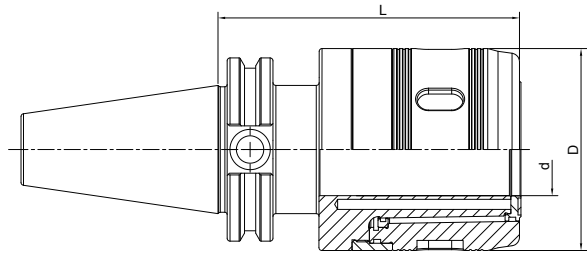


Size	D	L	L1
CAT40-ER25-1.1"	29.5	1.1"	0.35"
CAT40-ER32-1.1"	37.5	1.1"	0.35"

Power Milling Chuck
强力铣刀柄

A ↗
 ≤0.008

AD

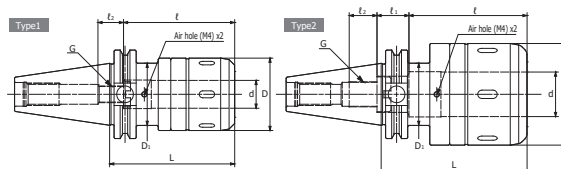


Size	d	D	L	Collet
CAT40-HC3/4"-4"	3/4"	50	4"	C3/4"
CAT40-HC1"-4"	1"	59	4"	C1"
CAT40-HC1-1/4"-5"	1.25"	70	5"	C1-1/4"
CAT50-HC3/4"-4'	3/4"	50	4"	C3/4"
CAT50-HC1"-4"	1"	59	4"	C1"
CAT50-HC1-1/4"-4"	1.25"	70	4"	C1-1/4"

CAT


Power Milling Chuck 强力铣刀柄

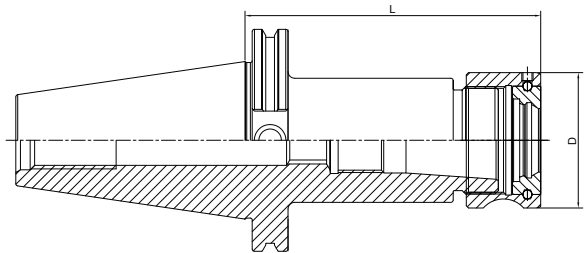
 ≤ 0.008

AD

CAT

Size	Type	d	D	D1	L	ℓ	ℓ1	ℓ2	G
CAT40-CT16SA-90	1	0.630	1.772	1.750	3.543	2.559	-	0.787	BL16
CAT40-CT20SA-90	1	0.787	2.047	1.750	3.543	3.150	-	0.591	BL20
CAT40-CT20SA-105	1	0.787	2.047	1.750	4.134	3.150	-	0.591	BL20
CAT40-CT20SA-120	1	0.787	2.047	1.750	4.724	3.150	-	0.591	BL20
CAT40-CT25SA-105	1	0.984	2.402	1.750	4.134	3.150	-	0.591	BL20
CAT40-CT25SA-120	1	0.984	2.402	1.750	4.724	3.150	-	0.591	BL20
CAT40-CT25SA-135	1	0.984	2.402	1.750	5.315	3.150	-	0.591	BL20
CAT40-CT32SA-105	2	1.260	2.874	1.750	4.134	3.346	0.906	0.787	BL32
CAT40-CT32SA-120	2	1.260	2.874	1.750	4.724	3.346	0.906	0.787	BL32
CAT40-CT32SA-135	2	1.260	2.874	1.750	5.315	4.724	-	0.787	BL32
CAT50-CT16SA-90	1	0.630	1.772	2.750	3.543	2.559	-	0.787	BL16
CAT50-CT16SA-105	1	0.630	1.772	2.750	4.134	2.559	-	0.787	BL16
CAT50-CT20SA-90	1	0.787	2.047	2.750	3.543	3.150	-	0.591	BL20
CAT50-CT20SA-105	1	0.787	2.047	2.750	4.134	3.150	-	0.591	BL20
CAT50-CT20SA-135	1	0.787	2.047	2.750	5.315	3.150	-	0.591	BL20
CAT50-CT25SA-105	1	0.984	2.402	2.750	4.134	3.150	-	0.591	BL20
CAT50-CT25SA-135	1	0.984	2.402	2.750	5.315	3.150	-	0.591	BL20
CAT50-CT25SA-165	1	0.984	2.402	2.750	6.496	3.150	-	0.591	BL20
CAT50-CT32SA-95	1	1.260	2.874	2.750	3.740	4.724	-	0.787	BL32
CAT50-CT32SA-105	1	1.260	2.874	2.750	4.134	4.724	-	0.787	BL32
CAT50-CT32SA-120	1	1.260	2.874	2.750	4.724	4.724	-	0.787	BL32
CAT50-CT32SA-135	1	1.260	2.874	2.750	5.315	4.724	-	0.787	BL32
CAT50-CT32SA-150	1	1.260	2.874	2.750	5.906	4.724	-	0.787	BL32
CAT50-CT32SA-165	1	1.260	2.874	2.750	6.496	4.724	-	0.787	BL32
CAT50-CT42SA-105	1	1.654	3.465	2.750	4.134	4.724	-	0.787	BL32
CAT50-CT42SA-120	1	1.654	3.465	2.750	4.724	4.724	-	0.787	BL32
CAT50-CT42SA-135	1	1.654	3.465	2.750	5.315	4.724	-	0.787	BL32
CAT50-CT42SA-150	1	1.654	3.465	2.750	5.906	4.724	-	0.787	BL32
CAT50-CT42SA-165	1	1.654	3.465	2.750	6.496	4.724	-	0.787	BL32

TG Collet Chuck
TG 超强力刀柄

A ↗ ≤0.005	RPM G2.5/20000	 AD
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Size	D	L	Collet	Capacity
CAT40-TG75-2.54"	1.968"	2.54"	TG 75	0.094 - 0.75"
CAT40-TG100-2.76"	2.362"	2.76"	TG 100	0.094 - 1.0"

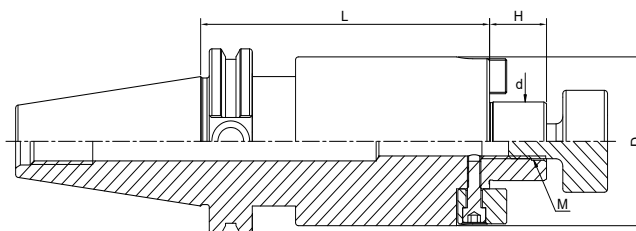
RPM G6.3/15000

Size	D	L	Collet	Capacity
CAT50-TG75-2.54"	1.968"	2.54"	TG 75	0.094 - 0.75"
CAT50-TG100-3.26"	2.362"	3.26"	TG 100	0.094 - 1.0"

CAT

Face Mill Holder Inch 英制面铣刀柄

A ↗ ≤0.005	RPM G2.5/25000
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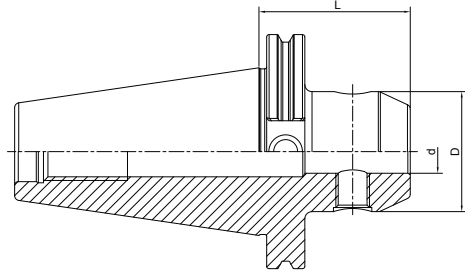
Size	d	D	L	H	M
CAT40-FMA1/2"-1.75"	1/2"	36.576	1.75"	13.97	1/4-28
CAT40-FMA3/4"-1.75"	3/4"	42.926	1.75"	17.45	3/8-24
CAT40-FMA1"-2"	1"	55.626	2"	17.45	1/2-20
CAT40-FMA1-1/4"-2"	1-1/4"	69.85	2"	17.45	5/8-18
CAT40-FMA1-1/2"-2"	1-1/2"	78	2"	23.83	3/4-16
CAT40-FMA1/2"-4"	1/2"	36.576	4"	13.97	1/4-28
CAT40-FMA3/4"-4"	3/4"	42.926	4"	17.45	3/8-24
CAT40-FMA1"-4"	1"	55.626	4"	17.45	1/2-20
CAT40-FMA1-1/4"-4"	1-1/4"	69.85	4"	17.45	5/8-18
CAT40-FMA1-1/2"-4"	1-1/2"	78	4"	23.83	3/4-16
CAT40-FMA3/4"-6"	3/4"	42.926	6"	17.45	3/8-24
CAT40-FMA1"-6"	1"	55.626	6"	17.45	1/2-20
CAT40-FMA3/4"-8"	3/4"	42.926	8"	17.45	3/8-24
CAT40-FMA1"-8"	1"	55.626	8"	17.45	1/2-20
CAT50-FMA1/2"-1.38"	1/2"	36.576	1.38"	13.97	1/4-28
CAT50-FMA3/4"-2"	3/4"	42.926	2"	17.45	3/8-24
CAT50-FMA1"-2"	1"	55.626	2"	17.45	1/2-20
CAT50-FMA1-1/4"-2"	1-1/4"	69.85	2"	17.45	5/8-18
CAT50-FMA1-1/2"-2"	1-1/2"	78	2"	23.83	3/4-16
CAT50-FMA2"-2"	2"	98	2"	23.83	1-14
CAT50-FMA3/4"-4"	3/4"	42.926	4"	17.45	3/8-24
CAT50-FMA1"-4"	1"	55.626	4"	17.45	1/2-20
CAT50-FMA1-1/4"-4"	1-1/4"	69.85	4"	17.45	5/8-18
CAT50-FMA1-1/2"-4"	1-1/2"	78	4"	23.83	3/4-16
CAT50-FMA2"-4"	2"	98	4"	23.83	1-14
CAT50-FMA3/4"-6"	3/4"	42.926	6"	17.45	3/8-24
CAT50-FMA1"-6"	1"	55.626	6"	17.45	1/2-20
CAT50-FMA1-1/4"-6"	1-1/4"	69.85	6"	17.45	5/8-18
CAT50-FMA1-1/2"-6"	1-1/2"	78	6"	23.83	3/4-16
CAT50-FMA3/4"-8"	3/4"	42.926	8"	17.45	3/8-24
CAT50-FMA1"-8"	1"	55.626	8"	17.45	1/2-20
CAT50-FMA1-1/4"-8"	1-1/4"	69.85	8"	17.45	5/8-18
CAT50-FMA1-1/2"-8"	1-1/2"	78	8"	23.83	3/4-16

CAT

End Mill Holder Weldon
侧固刀柄



DIN6359/1835B	A ↗ ≤0.005	RPM G2.5/20000	AD
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





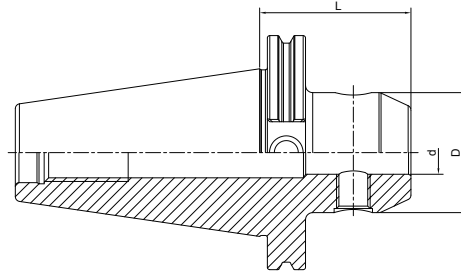
Size	d	D	L
CAT40-SLA1/8"-1.38"	1/8"	17.526	1.38"
CAT40-SLA3/16"-1.38"	3/16"	17.526	1.38"
CAT40-SLA1/4"-1.38"	1/4"	19.81	1.38"
CAT40-SLA5/16"-1.38"	5/16"	22.225	1.38"
CAT40-SLA3/8"-1.38"	3/8"	25.4	1.38"
CAT40-SLA1/2"-1.75"	1/2"	31.75	1.75"
CAT40-SLA5/8"-1.75"	5/8"	38.1	1.75"
CAT40-SLA3/4"-1.75"	3/4"	44.45	1.75"
CAT40-SLA7/8"-1.75"	7/8"	47.625	1.75"
CAT40-SLA1"-1.75"	1"	50.8	1.75"
CAT40-SLA1-1/4"-2"	1-1/4"	63.5	2"
CAT40-SLA1/8"-2.5"	1/8"	17.526	2.5"
CAT40-SLA3/16"-2.5"	3/16"	17.526	2.5"
CAT40-SLA1/4"-2.5"	1/4"	19.81	2.5"
CAT40-SLA5/16"-2.5"	5/16"	22.225	2.5"
CAT40-SLA3/8"-2.5"	3/8"	25.4	2.5"
CAT40-SLA7/16"-2.5"	7/16"	28.575	2.5"
CAT40-SLA1/2"-2.5"	1/2"	31.75	2.5"
CAT40-SLA5/8-3"	5/8"	38.1	3"
CAT40-SLA3/4"-3"	3/4"	44.45	3"
CAT40-SLA7/8"-3.5"	7/8"	47.625	3.5"
CAT40-SLA1"-3"	1"	50.8	2"

CAT

End Mill Holder Weldon 侧固刀柄



 DIN6359/1835B	 A ↗ ≤0.005	 RPM G2.5/20000	 AD
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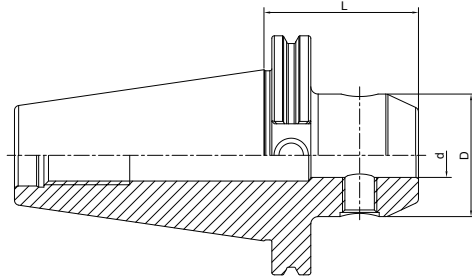
Size	d	D	L
CAT40-SLA1/8"-4"	1/8"	17.526	4"
CAT40-SLA3/16"-4"	3/16"	17.526	4"
CAT40-SLA1/4"-4"	1/4"	19.81	4"
CAT40-SLA5/16"-4"	5/16"	22.225	4"
CAT40-SLA3/8"-4"	3/8"	25.4	4"
CAT40-SLA1/2"-4"	1/2"	31.75	4"
CAT40-SLA5/8"-4"	5/8"	38.1	4"
CAT40-SLA3/4"-4"	3/4"	44.45	4"
CAT40-SLA1"-4"	1"	50.8	4"
CAT40-SLA1-1/4"-4"	1-1/4"	63.5	4"
CAT40-SLA1-1/2"-4"	1-1/2"	63.5	4"
CAT40-SLA1/4"-6"	1/4"	19.81	6"
CAT40-SLA5/16"-6"	5/16"	22.225	6"
CAT40-SLA3/8"-6"	3/8"	25.4	6"
CAT40-SLA1/2"-6"	1/2"	31.75	6"
CAT40-SLA5/8"-6"	5/8"	38.1	6"
CAT40-SLA3/4"-6"	3/4"	44.45	5.5"
CAT40-SLA7/8"-6"	7/8"	47.625	6"
CAT40-SLA1"-6"	1"	50.8	6"
CAT40-SLA1-1/4"-6"	1-1/4"	63.5	6"
CAT40-SLA1-1/2"-6"	1-1/2"	63.5	6"

CAT

End Mill Holder Weldon
侧固刀柄



 DIN6359/1835B	 A ≤0.005	 RPM G2.5/15000	 AD
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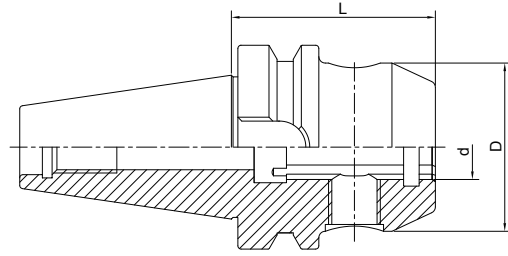
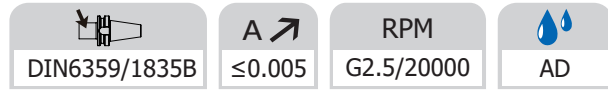


Size	d	D	L
CAT50-SLA3/16"-2.5"	3/16"	17.526	2.5"
CAT50-SLA1/4"-2.5"	1/4"	19.81	2.5"
CAT50-SLA5/16"-2.5"	5/16"	22.225	2.5"
CAT40-SLA3/8"-2.5"	3/8"	25.4	2.5"
CAT50-SLA7/16"-2.5"	7/16"	28.575	2.5"
CAT50-SLA1/2"-2.62"	1/2"	31.75	2.62"
CAT50-SLA5/8"-3"	5/8"	38.1	3"
CAT50-SLA3/4"-3"	3/4"	44.45	3"
CAT50-SLA1"-2"	1"	50.8	2"
CAT50-SLA1-1/4"-2"	1-1/4"	63.5	2"
CAT50-SLA1-1/2"-2.25"	1-1/2"	63.5	2.25"
CAT50-SLA2"-5.62"	2"	95.25	5.62"
CAT50-SLA1/4"-4"	1/4"	19.81	4"
CAT50-SLA5/16"-4"	5/16"	22.225	4"
CAT50-SLA3/8"-4"	3/8"	25.4	4"
CAT50-SLA7/16"-4"	7/16"	28.575	4"
CAT50-SLA1/2"-4"	1/2"	31.75	4"
CAT50-SLA5/8"-4"	5/8"	38.1	4"
CAT50-SLA3/4"-4"	3/4"	44.45	4"
CAT50-SLA7/8"-4"	7/8"	47.625	4"
CAT50-SLA1"-4"	1"	50.8	4"
CAT50-SLA1-1/4"-4"	1-1/4"	63.5	4"
CAT50-SLA1-1/2"-4"	1-1/2"	63.5	4"
CAT50-SLA1/4"-6"	1/4"	19.81	6"
CAT50-SLA5/16"-6"	5/16"	22.225	6"
CAT50-SLA3/8"-6"	3/8"	25.4	6"
CAT50-SLA7/16"-6"	7/16"	28.575	6"
CAT50-SLA1/2"-6"	1/2"	31.75	6"
CAT50-SLA5/8"-6"	5/8"	38.1	6"
CAT50-SLA3/4"-6"	3/4"	44.45	6"
CAT50-SLA7/8"-6"	7/8"	47.625	6"
CAT50-SLA1"-6"	1"	50.8	6"
CAT50-SLA1-1/4"-6"	1-1/4"	63.5	6"
CAT50-SLA1-1/2"-6"	1-1/2"	63.5	6"

CAT

End Mill Holder with Coolant Channels

侧固刀柄，端面出水型

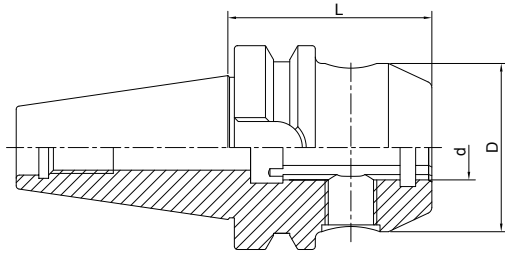


Size	d	D	L
CAT40-SLA1/8"-2.5"K	1/8"	17.526	2.5"
CAT40-SLA3/16"-2.5"K	3/16"	17.526	2.5"
CAT40-SLA1/4"-2.5"K	1/4"	19.81	2.5"
CAT40-SLA3/8"-2.5"K	3/8"	25.4	2.5"
CAT40-SLA7/16"-2.5"K	7/16"	28.575	2.5"
CAT40-SLA1/2"-2.5"K	1/2"	31.75	2.5"
CAT40-SLA5/8"-3"K	5/8"	38.1	3"
CAT40-SLA3/4"-3"K	3/4"	44.45	3"
CAT40-SLA7/8"-3.5"K	7/8"	47.625	3.5"
CAT40-SLA1"-3"K	1"	50.8	2"
CAT40-SLA1/8"-4"K	1/8"	17.526	4"
CAT40-SLA3/16"-4"K	3/16"	17.526	4"
CAT40-SLA1/4"-4"K	1/4"	19.81	4"
CAT40-SLA5/16"-4"K	5/16"	22.225	4"
CAT40-SLA3/8"-4"K	3/8"	25.4	4"
CAT40-SLA1/2"-4"K	1/2"	31.75	4"
CAT40-SLA1"-4"K	1"	50.8	4"
CAT40-SLA1-1/4"-4"K	1-1/4"	63.5	4"
CAT40-SLA1-1/2"-4"K	1-1/2"	63.5	4"
CAT40-SLA5/16"-6"K	5/16"	22.225	6"
CAT40-SLA3/8"-6"K	3/8"	25.4	6"
CAT40-SLA1/2"-6"K	1/2"	31.75	6"
CAT40-SLA5/8"-6"K	5/8"	38.1	6"
CAT40-SLA3/4"-6"K	3/4"	44.45	6"
CAT40-SLA1"-6"K	1"	50.8	6"
CAT40-SLA1-1/4"-6"K	1-1/4"	63.5	6"
CAT40-SLA1-1/2"-6"K	1-1/2"	63.5	6"

CAT

End Mill Holder with Coolant Channels
侧固刀柄，端面出水型

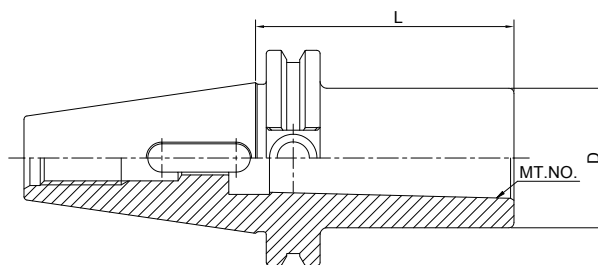
DIN6359/1835B	A ≤0.005	RPM G2.5/15000	AD
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Size	d	D	L
CAT50-SLA1/4"-2.5"K	1/4"	19.81	2.5"
CAT50-SLA5/16"-2.5"K	5/16"	22.225	2.5"
CAT50-SLA3/8"-2.5"K	3/8"	25.4	2.5"
CAT50-SLA7/16"-2.5"K	7/16"	28.575	2.5"
CAT50-SLA1/2"-2.62"K	1/2"	31.75	2.62"
CAT50-SLA5/8"-3"K	5/8"	38.1	3"
CAT50-SLA3/4"-3"K	3/4"	44.45	3"
CAT50-SLA1"-2"K	1"	50.8	2"
CAT50-SLA1-1/2"- 2.25"K	1-1/2"	63.5	2.25"
CAT50-SLA2"-5.62"K	2"	95.25	5.62"
CAT50-SLA1/4"-4"K	1/4"	19.81	4"
CAT50-SLA5/16"-4"K	5/16"	22.225	4"
CAT50-SLA3/8"-4"K	3/8"	25.4	4"
CAT50-SLA7/16"-4"K	7/16"	28.575	4"
CAT50-SLA1/2"-4"K	1/2"	31.75	4"
CAT50-SLA5/8"-4"K	5/8"	38.1	4"
CAT50-SLA3/4"-4"K	3/4"	44.45	4"
CAT50-SLA7/8"-4"K	7/8"	47.625	4"
CAT50-SLA1"-4"K	1"	50.8	4"
CAT50-SLA1-1/4"-4"K	1-1/4"	63.5	4"
CAT50-SLA1-1/2"- 4"K	1-1/2"	63.5	4"
CAT50-SLA1/4"-6"K	1/4"	19.81	6"
CAT50-SLA5/16"-6"K	5/16"	22.225	6"
CAT50-SLA3/8"-6"K	3/8"	25.4	6"
CAT50-SLA7/16"-6"K	7/16"	28.575	6"
CAT50-SLA1/2"-6"K	1/2"	31.75	6"
CAT50-SLA5/8"-6"K	5/8"	38.1	6"
CAT50-SLA3/4"-6"K	3/4"	44.45	6"
CAT50-SLA7/8"-6"K	7/8"	47.625	6"
CAT50-SLA1"-6"K	1"	50.8	6"
CAT50-SLA1-1/4"-6"K	1-1/4"	63.5	6"
CAT50-SLA1-1/2"- 6"K	1-1/2"	63.5	6"

CAT

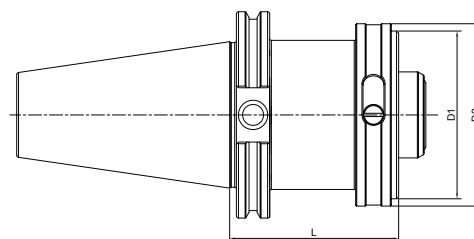
Morse Taper Adapter with Tang 带扁尾莫氏刀柄



Size	MT. NO.	D	L
CAT40-MTA1-1.75"	1	25.40	1.75"
CAT40-MTA2-2"	2	31.75	2"
CAT40-MTA3-3"	3	41.45	3"
CAT40-MTA4-4"	4	50.80	4"
CAT50-MTA2-2"	2	31.75	2"
CAT50-MTA3-2"	3	41.45	2"
CAT50-MTA4-3"	4	50.80	3"
CAT50-MTA5-4"	5	69.85	4"

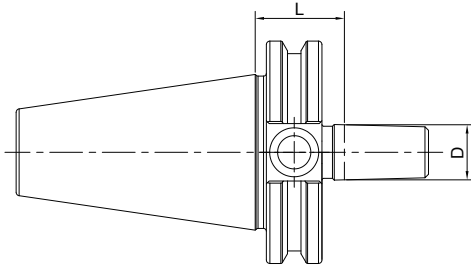
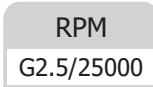
CAT

Tool Holder Adapter Sleeve 转换刀柄



Size	D1	D2	L
CAT30-HSK32C-45	32	37	45
CAT30-HSK40C-60	40	45	60
CAT40-HSK32C-50	32	37	50
CAT40-HSK40C-50	40	45	50
CAT40-HSK50C-60	50	55	60
CAT40-HSK63C-75	63	70	75
CAT50-HSK32C-50	32	37	50
CAT50-HSK40C-50	40	45	50
CAT50-HSK50C-55	50	55	55
CAT50-HSK63C-55	63	70	55
CAT50-HSK80C-80	80	87	80
CAT50-HSK100C-95	100	110	95

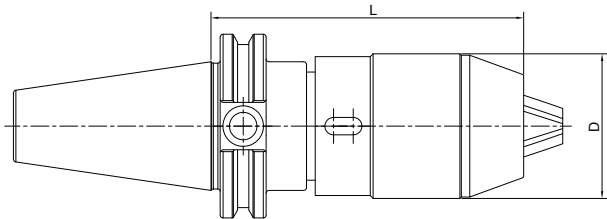
Drill Chuck Adapter
钻接杆



Size	D	L
CAT40-JT2-1.5"	14.199	1.5"
CAT40-JT3-1.5"	20.599	1.5"
CAT40-JT4-1.5"	28.55	1.5"
CAT40-JT6-1.5"	17.17	1.5"
CAT40-JT33-1.5"	15.85	1.5"
CAT50-JT2-1.5"	14.199	1.5"
CAT50-JT3-1.5"	20.599	1.5"
CAT50-JT4-1.5"	28.55	1.5"
CAT50-JT6-1.5"	17.17	1.5"
CAT50-JT33-1.5"	15.85	1.5"

CAT

APU Drill Chuck Holder
APU 钻夹头刀柄

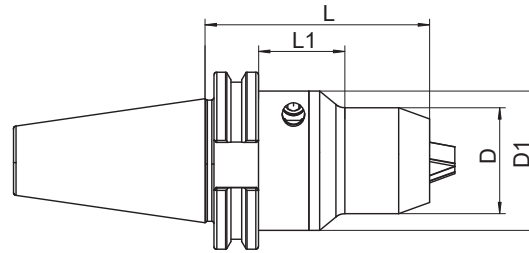


Size	D	L	Capacity
CAT40-APU08-85	36	85	1-8
CAT40-APU13-100	48	100	1-13
CAT40-APU16-110	53	110	3-16
CAT50-APU13-100	48	100	1-13
CAT50-APU16-105	53	105	3-16

Precision Drill Chuck Holder

精密钻夹头刀柄

A ↗	RPM
≤0.03	G2.5/25000

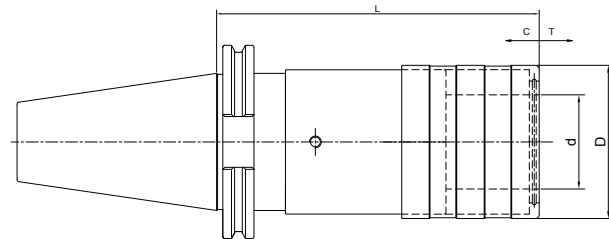


Size	D	D1	L	L1	Capacity
CAT40-CPU10-80	38	-	80	28.9	1-10
CAT40-CPU13-90	50	-	90	-	1-13
CAT40-CPU16-90	50	-	90	-	1-16
		-			
CAT50-CPU13-100	50	-	100	-	1-13
CAT50-CPU16-100	50	-	100	-	1-16

CAT

Quick Change Tapping Chuck with Length Compensation

弹性快换攻丝刀柄

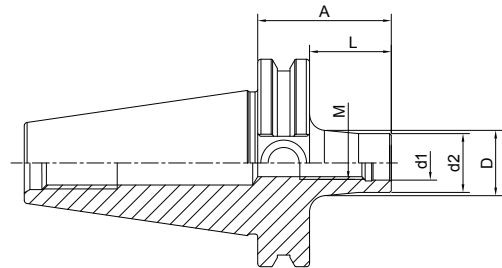


Size	D	d	L	T	C
CAT40-TC312-65	36	19	65	7.5	7.5
CAT40-TC820-93	54	31	93	12.5	12.5
CAT40-TC1433-156	78	48	156	22	22
CAT50-TC312-100	36	19	100	7.5	7.5
CAT50-TC820-100	54	31	100	12.5	12.5
CAT50-TC1433-142	78	48	142	22	22

Screw-in Milling Cutter Holder
锁牙刀柄，锥柄型




A ↗ ≤0.005	RPM G6.3/15000	AD
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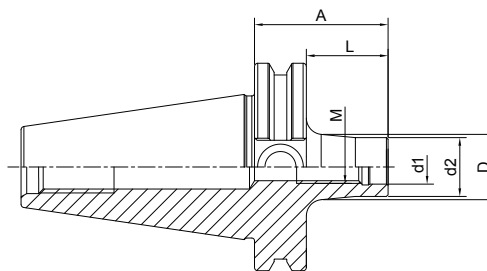


Size	M	d1	d2	A	L	D
CAT40-SOM08-44 L=25	8	8.5	14.5	44	25	15
CAT40-SOM08-69 L=50	8	8.5	14.5	69	50	23
CAT40-SOM08-94 L=75	8	8.5	14.5	94	75	23
CAT40-SOM08-119 L=100	8	8.5	14.5	119	100	25
CAT40-SOM10-24 L=5	10	10.5	18	24	5	18
CAT40-SOM10-44 L=25	10	10.5	18	44	25	20
CAT40-SOM10-69 L=50	10	10.5	18	69	50	23
CAT40-SOM10-94 L=75	10	10.5	18	94	75	28
CAT40-SOM10-119 L=100	10	10.5	18	119	100	32
CAT40-SOM10-169 L=150	10	10.5	18	169	150	36.5
CAT40-SOM12-24 L=5	12	12.5	21	24	5	21
CAT40-SOM12-44 L=25	12	12.5	21	44	25	24
CAT40-SOM12-69 L=50	12	12.5	21	69	50	24
CAT40-SOM12-94 L=75	12	12.5	21	94	75	31
CAT40-SOM12-119 L=100	12	12.5	21	119	100	33
CAT40-SOM12-144 L=125	12	12.5	21	144	125	36
CAT40-SOM12-169 L=150	12	12.5	21	169	150	40
CAT40-SOM16-24 L=5	16	17	29	24	5	29
CAT40-SOM16-44 L=25	16	17	29	44	25	29
CAT40-SOM16-69 L=50	16	17	29	69	50	34
CAT40-SOM16-94 L=75	16	17	29	94	75	34
CAT40-SOM16-119 L=100	16	17	29	119	100	36
CAT40-SOM16-144 L=125	16	17	29	144	125	40
CAT40-SOM16-169 L=150	16	17	29	169	150	42.5

CAT

Screw-in Milling Cutter Holder
锁牙刀柄，锥柄型


A ↗ ≤0.005	RPM G6.3/15000	AD 
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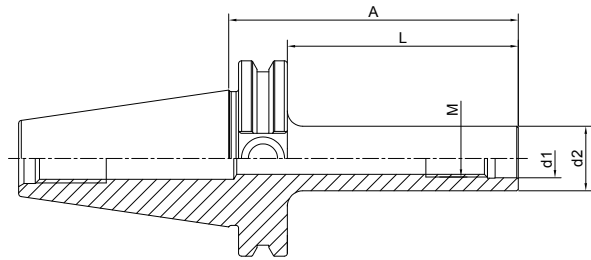


Size	M	d1	d2	A	L	D
CAT50-SOM08-69 L=50	8	8.5	14.5	69	50	23
CAT50-SOM08-119 L=100	8	8.5	14.5	119	100	25
CAT50-SOM08-169 L=150	8	8.5	14.5	169	150	30
CAT50-SOM10-69 L=50	10	10.5	18	69	50	23
CAT50-SOM10-119 L=100	10	10.5	18	119	100	32
CAT50-SOM10-169 L=150	10	10.5	18	169	150	36.5
CAT50-SOM12-69 L=50	12	12.5	21	69	50	24
CAT50-SOM12-119 L=100	12	12.5	21	119	100	33
CAT50-SOM12-169 L=150	12	12.5	21	169	150	40
CAT50-SOM16-69 L=50	16	17	29	69	50	34
CAT50-SOM16-119 L=100	16	17	29	119	100	36
CAT50-SOM16-169 L=150	16	17	29	169	150	42.5

CAT

Screw-in Milling Cutter Holder
锁牙刀柄，直柄型

A ↗ ≤0.005	RPM G6.3/15000	AD
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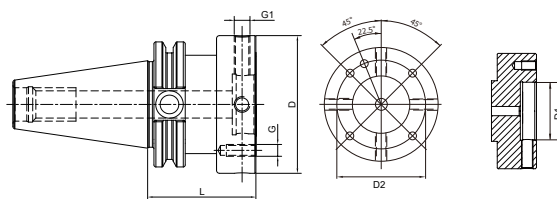


Size	M	d1	d2	A	L
CAT40-M10-119 L=100	10	10.5	18	119	100
CAT40-M10-169 L=150	10	10.5	18	169	150
CAT40-M12-119 L=100	12	12.5	21	119	100
CAT40-M12-144 L=125	12	12.5	21	144	125
CAT40-M12-169 L=150	12	12.5	21	169	150
CAT40-M16-119 L=100	16	17	29	119	100
CAT40-M16-144 L=125	16	17	29	144	125
CAT40-M16-169 L=150	16	17	29	169	150
CAT50-M10-119 L=100	10	10.5	18	119	100
CAT50-M10-169 L=150	10	10.5	18	169	150
CAT50-M12-119 L=100	12	12.5	21	119	100
CAT50-M12-169 L=150	12	12.5	21	169	150
CAT50-M16-119 L=100	16	17	29	119	100
CAT50-M16-169 L=150	16	17	29	169	150

CAT

Runout Adjustable Flange Adapter 可调节精度法兰刀柄

A ↗ ≤0.002	RPM G2.5/25000
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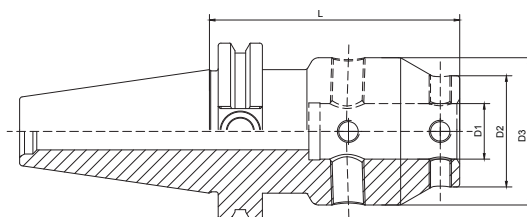


Size	D	D1	D2	L	G	G1
CAT40-MOD060-050	60	30	44	M5	M5	M8x1
CAT40-MOD070-050	70	35	53	M6	M6	M8x1
CAT40-MOD080-055	80	40	63	M6	M6	M8x1
CAT40-MOD100-060	100	50	79	M8	M8	M10x1
CAT50-MOD060-050	60	30	44	M5	M5	M8x1
CAT50-MOD070-050	70	35	53	M6	M6	M8x1
CAT50-MOD080-050	80	40	63	M6	M6	M8x1
CAT50-MOD100-060	100	50	79	M8	M8	M10x1
CAT50-MOD117-060	117	60	96	M8	M8	M10x1
CAT50-MOD140-060	140	80	119	M10	M10	M10x1

CAT

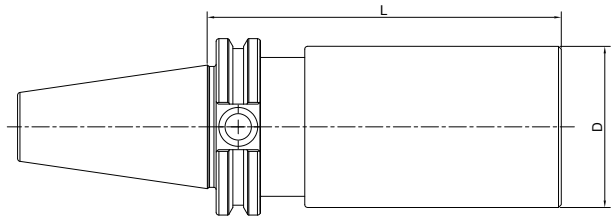
UM Adjustable Tool Holder UM 调零刀柄

A ↗ ≤0.003	RPM G2.5/25000
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Size	D1	D2	D3	L
CAT40-UM12-65	12	28	44.5	65
CAT40-UM16-80	16	32	48	80
CAT40-UM20-90	20	40	53	90
CAT40-UM25-100	25	48	63	100
CAT40-UM32-105	32	52	63	105
CAT50-UM12-80	12	28	44.5	80
CAT50-UM16-80	16	32	48	80
CAT50-UM20-90	20	40	53	90
CAT50-UM25-100	25	48	63	100
CAT50-UM32-105	32	52	63	105

Boring Bar Blank
基础柄

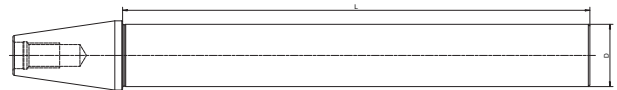
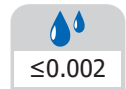


Size	D	L
CAT40-2.5"-6"	2.5"	6"
CAT40-2.5"-10"	2.5"	10"
CAT40-4"-6"	4"	6"
CAT40-4"-10"	4"	10"
CAT50-2.5"-6"	2.5"	6"
CAT50-2.5"-10"	2.5"	10"
CAT50-4"-6"	4"	6"
CAT50-4"-10"	4"	10"
CAT50-6"-10"	6"	10"

Other sizes can be made by request.

CAT

Test Arbor
主轴检测棒

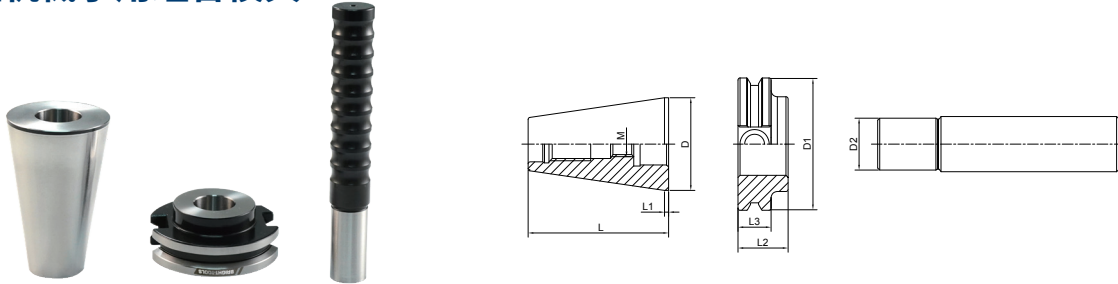


Size	D	L
CAT30-32-250	32	250
CAT40-40-300	40	300
CAT50-50-300	50	300

Other sizes can be made by request.

Alignment Tool for ATC Arm

调整机械手用组合模具



Size	D	D1	D2	L	L1	L2	L3	M
CAT30-ATC-18D	31.75	46	18	50.8	3.175	20	15.875	M12
CAT40-ATC-20D	44.45	63.5	20	71.43	3.175	25	15.875	M12
CAT50-ATC-28D	69.85	98.43	28	104.78	3.175	35	15.875	M16