

Your Reliable Expert of Machining Tools.



SUREWEL TOOLS

PRODUCT CATALOG

A

Solid Carbide Endmills, Drills and Reamers

Cutting Tools Catalog -A

Solid Carbide Endmills, Drills and Reamers



Vol.06
2025.04-



Company Introduction

SUREWEL TOOLS is located in Chang'an Town, Dongguan City, a key mold town in China. The company always adheres to the service philosophy of "technological innovation, win-win cooperation, integrity and efficiency, and first-class service", and builds an enterprise with high-tech and brand. SUREWEL Tools adheres to the corporate philosophy of "manufacturing first-class products and providing first-class services", providing customers with comprehensive solutions for cutting tools, helping them better serve the market and achieve successful global enterprise use.

The company has a large number of professional talents and advanced high-tech production and testing equipment. Guided by advanced management concepts and international quality systems, SUREWEL Tools, developed through the wisdom and continuous hard work of all employees, has reached the leading level in the industry with its innovative structure, exquisite craftsmanship, and superior performance. We deeply understand that only by providing customers with high-quality product services and competitive prices can we win their trust, and this is the policy that SUREWEL Company continues to strive for..

Content



Solid Carbide Endmill

◆ Square End Mills for P.H.M.K.S	P01-42
◆ End Mills for Aluminium	P43-75
◆ Ball Nose End Mills	P76-85
◆ Micro Diameter Endmills and Long Neck Endmill for Aluminum	P86-114
◆ Micro Diameter Endmills and Long Neck Endmill for P.H.M.K	P115-154
◆ Corner Radius End Mills	P155-178
◆ Inch End Mills	P179-180
◆ Graver	P184-189
◆ Roughing Cutters	P190-193

Content



Solid Carbide Drill

◆ Chamfering	P195-196
◆ Spot Drill	P197-202
◆ Flat Carbide Drill	P203-209
◆ Carbide Micro Diameter Drill	P210-233
◆ DIN6537 Carbide Drill	P234-245
◆ Carbide Drill	P246-256































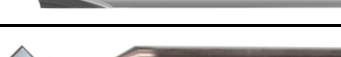













Solid Carbide Reamers

◆ YR301 Carbide Straight Fluted Machine Reamers	P258-259
◆ YR401 Carbide Stpiral Fluted Machine Reamers	P260-261
◆ YR501 Carbide Stpiral Fluted Machine Reamers	P262-272







































Index

Series	Code No.	Appearance	Product Name	Flute	Page
Square End Mills For P H M K S	YP552A		Carbide Endmill (2F)		P01
	YZ814F		High Efficiency Carbide Endmill (4F)		P02
	YZ814FC		High Efficiency Carbide Endmill(4F)		P03
	YZ824F		High Efficiency Carbide Endmill (4F)		P04
	YZ824SR		High Efficiency Carbide Endmill(4F)		P05
	YZ834FC		High Efficiency Carbide Endmill(4F)		P06
	YZ884F		High Performance Carbide Endmill (4F)		P07
	YHF604		Hi-Feed Endmills(4F)		P08
	YZ604F		Long Flute Mould Base Endmill 4F		P09
	YH634A		Long Flute Mould Base Endmill 4F		P10
	YZ804F		Stainless Steel Endmill(4F)		P12
	YP554A		Carbide Universal Using Endmill(4F)		P14
	YZ586A		Carbide Fine Milling Cutters(6F)		P16
	YP554T		Carbide T Type Endmill(4F)		P17
	YP554DT		Carbide Dovetail Endmill(4F)		P29
	YP554IR		Inner R Endmill(4F)		P32
	YP554G		Upper and Lower Chamfer Endmills		P33
	YP552D		Carbide Decimal Endmills (2F)		P34
	YP554D		Carbide Decimal Endmills (4F)		P35
	YZ734F		High Efficiency Endmills for M.S(4F)		P41
	YZ804SC		Carbide Short Endmill for Lathe(4F)		P42















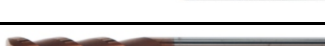























Index

Series	Code No.	Appearance	Product Name	Flute	Page
End Mills For Aluminium	YA552A		Carbide Endmills for Aluminum		P43
	YA553SC		Carbide Short Endmill for Lathe(3F)		P44
	YA553F		Fine Endmills for Aluminum		P45
	YA553HL		Fine Finish Endmills for Aluminum		P46
	YA553HE		Unqual Finish and High Efficiency Endmills for Aluminum		P47
	YA553YC		High Efficiency Endmills for Aluminum		P48
	YA-DLC3HL		Coating Glossy Finish Endmills for Aluminum		P49
	YA-DLC3A		Coating High Efficiency Endmills for Aluminum		P50
	YA552D		Decimal Endmills for Aluminum		P52
	YA553D		Decimal Endmills for Aluminum		P53
	YA554T		Carbide T Type Endmill for Aluminum		P59
	YA554DT		Carbide Dovetail Endmill for Aluminum		P71
	YA554IR		Carbide Inner R Endmill for Aluminum		P74
Ball Nose End Mills	YA554C		Upper and Lower Chamfer Endmills		P75
	YA552L		Lollipop Endmill for Aluminum		P76
	YA552B		Ball Nose Endmill for Aluminum		P77
	YA-DLC2B		DLC Coating Ball Nose Endmill for Aluminum		P79
	YP552L		Carbide Lollipop Endmill		P81
	YP552B		Carbide Ball Nose Endmills		P82
	YH632B		Hardened Material Ball Nose Endmills		P84
	YZ802B		Stainless Steel Special Ball Nose Endmills		P85


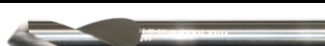



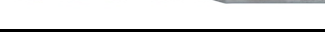






Index

Series	Code No.	Appearance	Product Name	Flute	Page
Micro Diameter End Mills for Aluminum	YA552M		Micro Diameter Endmills for Aluminum		P86
	YA552LG		Long Neck Endmills for Aluminum		P89
	YA-DLC552LG		Coating Long Neck Endmills for Aluminum		P98
	YA552LA		Long Flute Type Endmills for Aluminum		P102
	YA553LG		Long Neck Endmills for Aluminum		P105
	YA553LA		Long Flute Type Endmills for Aluminum		P107
	YA552MB		Micro Diameter Ball Endmills for Aluminum		P109
	YA552LGB		Long Neck Ball Endmills for Aluminum		P111
Micro Diameter End Mills for P H M K	YP552M		Micro Diameter Endmills		P115
	YP552LG		Carbide Long Neck Endmills		P117
	YP602LG		Hardened Material Long Neck Endmills		P126
	YP552MB		Micro Diameter Ball Endmills		P135
	YP602MB		Hardened Material Micro Diameter Ball Endmills		P138
	YP552LGB		Long Neck Ball Endmills		P139
	YP602LGB		Hardened Material Long Neck Ball Shape Endmills		P143
	YP552LA		Carbide Long Flute Endmills		P145
	YP554LA		Carbide Long Flute Endmills		P148
	YP554LG		Carbide Long Neck Endmills		P150
	YP604LG		Hardened Material Long Neck Endmills		P153

Index

Series	Code No.	Appearance	Product Name	Flute	Page
Corner Radius End Mills	YA552MN		Micro Diameter Corner Radius Endmills		P155
	YA553N		Carbide Corner Radius Endmills		P156
	YA-DLC3N		Coating Corner Radius Endmills		P159
	YP552MN		Micro Diameter Corner Radius Endmills		P161
	YP554N		Carbide Corner Radius Endmills		P162
	YP554LN		Carbide Corner Radius Endmills		P165
	YP604LN		Hardened Material Corner Radius Endmills		P168
	YH634N		Hardened Material Corner Radius Endmills		P171
	YH634LN		Hardened Material Long Neck Corner Radius Endmills		P173
	YZ804N		Stainless Steel Corner Radius Endmills		P175
	YZ884N		Highly Efficient Corner Radius Endmills		P177
	YZ884N		Highly Efficient Corner Radius Endmills		P177
Inch Endmill	YA553E		Inch Size Fine Finish Endmill for Aluminum		P179
	YP584E		Inch Size Universal Endmill		P180
Graver	YA551L		Single Flute Left Helix Endmill		P181
	YA551A		Single Flute Right Helix Endmill		P185
Roughing Cutters	YA550A		Corn Milling Cutter		P190
	YA553R		Roughing Milling Cutter		P192
	YP554R		Roughing Milling Cutter		P193

Index

Series	Code No.	Appearance	Product Name	Flute	Page
Carbide Drill	YA552C		Solid Carbide Chamfering		P195
	YP552C		Solid Carbide Chamfering		P196
	YA552SDC		Solid Carbide Spot Drill		P197
	YP552SDC		Solid Carbide Spot Drill		P200
	YZFSD		Flat Carbide Drill		P203
	YZ228		Solid Carbide Micro Diameter Drill		P210
	YZ228L		Solid Carbide Micro Diameter Drill Long Flute Type		P216
	YZ428		Solid Carbide Micro Diameter Drill		P222
	YZ428L		Solid Carbide Micro Diameter Drill Long Flute Type		P228
	YZNHA-3D		3D DIN6537 Carbide Drill		P234
	YZCHA-3D		3D DIN6537 Carbide Drill with Internal Coolant		P237
	YZNHA-5D		5D DIN6537 Carbide Drill		P240
	YZCHA-5D		5D DIN6537 Carbide Drill with Internal Coolant		P243
	YZGDS		Solid Carbide Drill		P246
	YZGDL		Solid Carbide Drill(Long Flute Type)		P253
Carbide Reamers	YR301		Carbide Straight Fluted Machine Reamers		P258
	YR401		Carbide Stpiral Fluted Machine Reamers		P260
	YR501		Carbide Stpiral Fluted Machine Reamers		P262

Solid Carbide
Endmill





YP552A Carbide Endmill(2F)



Technical Specification



Specification	CED	L1	SD	L	F
D1-2-D4-50L-2T	1	2	4	50	2
D1-3-D4-50L-2T	1	3	4	50	2
D1.5-3-D4-50L-2T	1.5	3	4	50	2
D1.5-4.5-D4-50L-2T	1.5	4.5	4	50	2
D2-4-D4-50L-2T	2	4	4	50	2
D2-6-D4-50L-2T	2	6	4	50	2
D2.5-5-D4-50L-2T	2.5	5	4	50	2
D2.5-7.5-D4-50L-2T	2.5	7.5	4	50	2
D3-6-D4-50L-2T	3	6	4	50	2
D3-9-D4-50L-2T	3	9	4	50	2
D4-8-D4-50L-2T	4	8	4	50	2
D4-10-D4-50L-2T	4	10	4	50	2
D4-12-D4-50L-2T	4	12	4	50	2
D5-15-D6-50L-2T	5	15	6	50	2
D6-12-D6-50L-2T	6	12	6	50	2
D6-18-D6-50L-2T	6	18	6	50	2
D8-20-D8-60L-2T	8	20	8	60	2
D10-25-D10-75L-2T	10	25	10	75	2
D10-30-D10-75L-2T	10	30	10	75	2
D12-30-D12-75L-2T	12	30	12	75	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	○



YZ814F High Efficiency Carbide Endmill (4F)



Technical Specification



Specification	CED	CEL	SD	L	F
D3-8-D6-50L-4T	3	8	6	50	4
D4-11-D6-50L-4T	4	11	6	50	4
D5-13-D6-50L-4T	5	13	6	50	4
D6-16-D6-50L-4T	6	16	6	50	4
D8-20-D8-60L-4T	8	20	8	60	4
D10-25-D10-75L-4T	10	25	10	75	4
D12-30-D12-75L-4T	12	30	12	75	4
D16-40-D16-100L-4T	16	40	16	100	4
D20-50-D20-100L-4T	20	50	20	120	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○

YZ814FC High Efficiency Carbide Endmill (4F)



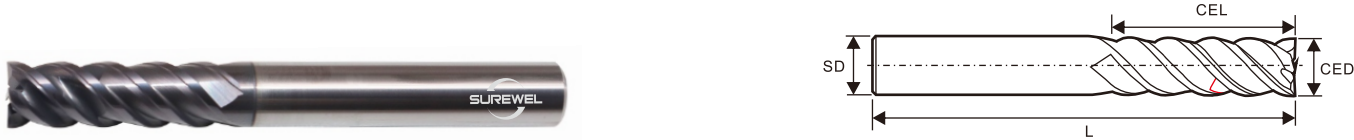
Technical Specification



P	H	M	K	N	S
●	●	●	●	●	●

Specification	CED	C Angle	CEL	D	L	F
D3-C0.05-8-D6-50L-4T	3	0.05	8	6	50	4
D4-C0.06-11-D6-50L-4T	4	0.06	11	6	50	4
D5-C0.08-13-D6-50L-4T	5	0.08	13	6	50	4
D6-C0.09-16-D6-50L-4T	6	0.09	16	6	50	4
D8-C0.12-20-D8-60L-4T	8	0.12	20	8	60	4
D10-C0.15-25-D10-75L-4T	10	0.15	25	10	75	4
D12-C0.18-30-D12-75L-4T	12	0.18	30	12	75	4
D16-C0.24-40-D16-100L-4T	16	0.24	40	16	100	4
D20-C0.3-50-D20-100L-4T	20	0.3	50	20	100	4

YZ824F High Efficiency Carbide Endmill(4F)



Technical Specification



P	H	M	K	N	S
●	●	●	●	●	●

Specification	CED	CEL	SD	L	F
D3-9-D6-50L-4T	3	9	6	50	4
D4-12-D6-50L-4T	4	12	6	50	4
D5-15-D6-50L-4T	5	15	6	50	4
D6-18-D6-50L-4T	6	18	6	50	4
D8-24-D8-60L-4T	8	24	8	60	4
D10-30-D10-75L-4T	10	30	10	75	4
D12-36-D12-75L-4T	12	36	12	75	4
D16-50-D16-100L-4T	16	50	16	100	4
D20-60-D20-120L-4T	20	60	20	120	4
D6-18-D6-75L-4T	6	18	6	75	4
D8-24-D8-75L-4T	8	24	8	75	4
D10-30-D10-100L-4T	10	30	10	100	4
D12-36-D12-100L-4T	12	36	12	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○

YZ824SR High Efficiency Carbide Endmill 4F




Technical Specification

MG Carbide

HRC55

AlTiN



45°

Specification	CED	C Angle	CEL	SD	OAL	F
D6C0.09-18-D6-50L-4T	6	0.09	18	6	50	4
D8C0.12-24-D8-60L-4T	8	0.12	24	8	60	4
D10C0.15-30-D10-75L-4T	10	0.15	30	10	75	4
D12C0.18-36-D12-75L-4T	12	0.18	36	12	75	4
D16C0.24-50-D16-100L-4T	16	0.24	50	16	100	4
D20C0.3-60-D20-120L-4T	20	0.30	60	20	120	4

P

H

M

K

N

S

YZ834FC High Efficiency Carbide Endmill 4F




Technical Specification

MG Carbide

HRC55

AlCrN



45°

Specification	CED	C Angle	CEL	SD	OAL	F
D3c0.05-8-D6-50L-4T	3	0.05	8	6	50	4
D4c0.06-11-D6-50L-4T	4	0.06	11	6	50	4
D5c0.08-13-D6-50L-4T	5	0.08	13	6	50	4
D6c0.09-16-D6-50L-4T	6	0.09	16	6	50	4
D8c0.12-20-D8-60L-4T	8	0.12	20	8	60	4
D10c0.15-25-D10-75L-4T	10	0.15	25	10	75	4
D12c0.18-30-D12-75L-4T	12	0.18	30	12	75	4
D16c0.24-40-D16-100L-4T	16	0.24	40	16	100	4
D20c0.3-50-D20-100L-4T	20	0.30	50	20	100	4

P

H

M

K

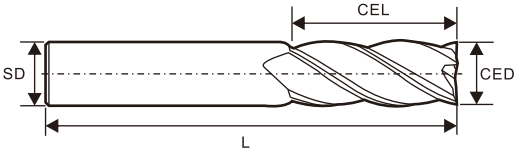
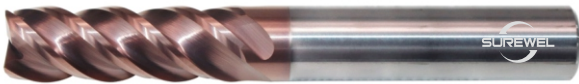
N

S

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○

YZ884F High Performance Carbide Endmill 4F



Technical Specification

MG
Carbide

HRC55

AlTiCrN



90°

P	H	M	K	N	S
●	●	●	●		

Specification	CED	CEL	D	L	F
D3-9-D4-50L-4T	3	9	4	50	4
D4-12-D4-50L-4T	4	12	4	50	4
D3-9-D6-50L-4T	3	9	6	50	4
D4-12-D6-50L-4T	4	12	6	50	4
D5-15-D6-50L-4T	5	15	6	50	4
D6-18-D6-50L-4T	6	18	6	50	4
D8-24-D8-60L-4T	8	24	8	60	4
D10-30-D10-75L-4T	10	30	10	75	4
D12-36-D12-75L-4T	12	36	12	75	4
D16-50-D16-100L-4T	16	50	16	100	4
D20-60-D20-120L-4T	20	60	20	120	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○

YH604F Hi-Feed Endmills(4F)



Technical Specification

MG
Carbide

HRC60

AlTiCrN



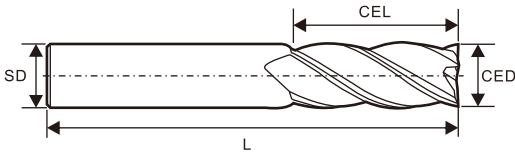
R

P	H	M	K	N	S
●	●		●		●

Specification	CED	R Angle	CEL	H	D	L	F
D6R1.5-2.5-12H-d6-50L	6	1.5	2.5	12	6	50	4
D8R2-3.5-16H-d8-60L	8	2	3.5	16	8	60	4
D8R2-3.5-16H-d8-75L	8	2	3.5	16	8	75	4
D10R2-4-20H-d10-75L	10	2	4	20	10	75	4
D12R2-5-24H-d12-75L	12	2	5	24	12	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●

YZ604F Long Flute Mould Base Endmill 4F



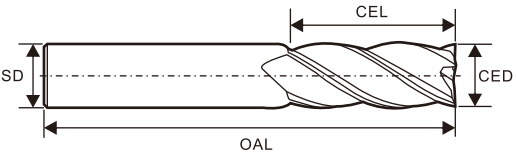
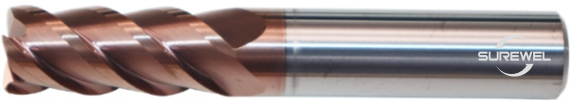
Technical Specification



P	H	M	K	N	S
●	●	●	●		

Specification	CED	CEL	D	L	F
D6-18-D6-50L-4T	6	18	6	50	4
D8-24-D8-60L-4T	8	24	8	60	4
D8-35-D8-75L-4T	8	35	8	75	4
D8-45-D8-100L-4T	8	45	8	100	4
D10-35-D10-75L-4T	10	35	10	75	4
D10-30-D10-75L-4T	10	30	10	75	4
D10-45-D10-100L-4T	10	45	10	100	4
D10-50-D10-100L-4T	10	50	10	100	4
D12-36-D12-75L-4T	12	36	12	75	4
D12-50-D12-100L-4T	12	50	12	100	4
D12-55-D12-100L-4T	12	55	12	100	4

YH634A Carbide Hardened Material Endmill(4F)



Technical Specification



P	H	M	K	N	S
●	●	●	●		●

Specification	CED	CEL	SD	OAL	F
D1-3-D4-50L-4T	1	3	4	50	4
D1-3-D4-75L-4T	1	3	4	75	4
D1-4-D4-100L-4T	1	4	4	100	4
D1.5-4.5-D4-50L-4T	1.5	4.5	4	50	4
D2-5-D4-50L-4T	2	5	4	50	4
D2-6-D4-75L-4T	2	6	4	75	4
D2-8-D4-100L-4T	2	8	4	100	4
D2.5-6.5-D4-50L-4T	2.5	6.5	4	50	4
D3-8-D3-50L-4T	3	8	3	50	4
D3-9-D3-75L-4T	3	9	3	75	4
D3-12-D3-100L-4T	3	12	3	100	4
D3-8-D4-50L-4T	3	8	4	50	4
D3-9-D4-75L-4T	3	9	4	75	4
D3-12-D4-100L-4T	3	12	4	100	4
D4-10-D4-50L-4T	4	10	4	50	4
D4-12-D4-100L-4T	4	12	4	100	4
D4-16-D4-100L-4T	4	16	4	100	4
D5-12.5-D6-50L-4T	5	12.5	6	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	○	●	●	●	●	●	●	●

YH634A Carbide Hardened Material Endmill(4F)



Technical Specification



P	H	M	K	N	S
●	●	●	●		●

Specification	CED	CEL	SD	OAL	F
D5-12.5-D6-75L-4T	5	12.5	6	75	4
D6-15-D6-50L-4T	6	15	6	50	4
D6-18-D6-75L-4T	6	18	6	75	4
D6-24-D6-100L-4T	6	24	6	100	4
D8-20-D8-60L-4T	8	20	8	60	4
D8-24-D8-75L-4T	8	24	8	75	4
D8-32-D8-100L-4T	8	32	8	100	4
D10-25-D10-75L-4T	10	25	10	75	4
D10-40-D10-100L-4T	10	40	10	100	4
D10-50-D10-150L-4T	10	50	10	150	4
D12-30-D12-75L-4T	12	30	12	75	4
D12-48-D12-100L-4T	12	48	12	100	4
D12-60-D12-150L-4T	12	60	12	150	4
D16-40-D16-100L-4T	16	40	16	100	4
D16-50-D16-150L-4T	16	50	16	150	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZ804F High Efficiency Carbide Endmill(4F)



Technical Specification



P	H	M	K	N	S
		●			

Specification	CED	CEL	D	L	F
D1-2.5H-D4-4T-50L	1	2.5	D4	50	4
D1.5-4H-D4-4T-50L	1.5	4	D4	50	4
D2-5H-D4-4T-50L	2	5	D4	50	4
D2.5-6.3H-D4-4T-50L	2.5	6.3	D4	50	4
D3-7.5H-D4-4T-50L	3	7.5	D4	50	4
D3-8H-D4-4T-50L	3	8	D4	50	4
D3-7.5H-D4-4T-75L	3	7.5	D4	75	4
D3.5-9H-D4-4T-50L	3.5	9	D4	50	4
D4-10H-D4-4T-50L	4	10	D4	50	4
D4-10H-D4-4T-75L	4	10	D4	75	4
D4-10H-D4-4T-100L	4	10	D4	100	4
D5-12.5H-D5-4T-50L	5	12.5	D5	50	4
D5-12.5H-D5-4T-75L	5	12.5	D5	75	4
D5-12.5H-D5-4T-100L	5	12.5	D5	100	4
D5-12.5H-D6-4T-50L	5	12.5	D6	50	4
D6-15H-D6-4T-50L	6	15	D6	50	4
D6-15H-D6-4T-75L	6	15	D6	75	4
D6-15H-D6-4T-100L	6	15	D6	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	○	○	○	○	●	○					○	○

YZ804F High Efficiency Carbide Endmill(4F)



Technical Specification



P	H	M	K	N	S
		●			

Specification	CED	CEL	D	L	F
D8-20H-D8-4T-60L	8	20	D8	60	4
D8-20H-D8-4T-75L	8	20	D8	75	4
D8-20H-D8-4T-100L	8	20	D8	100	4
D8-24H-D8-4T-60L	8	24	D8	60	4
D10-25H-D10-4T-75L	10	25	D10	75	4
D10-25H-D10-4T-100L	10	25	D10	100	4
D10-25H-D10-4T-150L	10	25	D10	150	4
D10-30H-D10-4T-75L	10	30	D10	75	4
D12-30H-D12-4T-75L	12	30	D12	75	4
D12-30H-D12-4T-100L	12	30	D12	100	4
D12-30H-D12-4T-150L	12	30	D12	150	4
D14-35H-D14-4T-100L	14	35	D14	100	4
D16-40H-D16-4T-100L	16	40	D16	100	4
D18-45H-D18-4T-100L	18	45	D18	100	4
D20-50H-D20-4T-100L	20	50	D20	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	○	○	○	○	●	○					○	○

YP554A Carbide Universal Using Endmill(4F)



Technical Specification



P	H	M	K	N	S
●	●		●		

Specification	CED	CEL	D	L	F
D1-3-D4-50L-4T	1	3	4	50	4
D1-3-D4-75L-4T	1	3	4	75	4
D1.5-4.5-D4-50L-4T	1.5	4.5	4	50	4
D1.5-4.5-D4-75L-4T	1.5	4.5	4	75	4
D2-6-D4-50L-4T	2	6	4	50	4
D2-6-D4-75L-4T	2	6	4	75	4
D2.5-7.5-D4-50L-4T	2.5	7.5	4	50	4
D2.5-7.5-D4-75L-4T	2.5	7.5	4	75	4
D3-9-D4-50L-4T	3	9	4	50	4
D3-9-D4-75L-4T	3	9	4	75	4
D3-9-D4-100L-4T	3	9	4	100	4
D4-12-D4-50L-4T	4	12	4	50	4
D4-12-D4-75L-4T	4	12	4	75	4
D4-20-D4-100L-4T	4	20	4	100	4
D4-25-D4-100L-4T	4	25	4	100	4
D4-30-D4-100L-4T	4	30	4	100	4
D5-12.5-D5-50L-4T	5	12.5	5	50	4
D5-12.5-D6-50L-4T	5	12.5	6	50	4
D5-25-D6-75L-4T	5	25	6	75	4
D5-30-D6-100L-4T	5	30	6	100	4
D6-15-D6-50L-4T	6	15	6	50	4
D6-30-D6-100L-4T	6	30	6	100	4
D6-40-D6-150L-4T	6	40	6	150	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●			

YP554A Carbide Universal Using Endmill(4F)



Technical Specification

MG
Carbide

HRC55

AlTiN



90°

P	H	M	K	N	S
●	●		●		

Specification	CED	CEL	SD	L	F
D8-20-D8-60L-4T	8	20	8	60	4
D8-20-D8-75L-4T	8	20	8	75	4
D8-20-D8-100L-4T	8	20	8	100	4
D8-32-D8-150L-4T	8	32	8	150	4
D8-40-D8-100L-4T	8	40	8	100	4
D10-25-D10-75L-4T	10	25	10	75	4
D10-30-D10-75L-4T	10	30	10	75	4
D10-40-D10-100L-4T	10	40	10	100	4
D10-45-D10-150L-4T	10	45	10	150	4
D12-30-D12-75L-4T	12	30	12	75	4
D12-40-D12-100L-4T	12	40	12	100	4
D12-45-D12-100L-4T	12	45	12	100	4
D12-60-D12-150L-4T	12	60	12	150	4
D16-45-D16-100L-4T	16	45	16	100	4
D16-50-D16-100L-4T	16	50	16	100	4
D16-70-D16-150L-4T	16	70	16	150	4
D20-40-D20-100L-4T	20	40	20	100	4
D20-75-D20-150L-4T	20	75	20	150	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YZ586A Carbide Fine Milling Cutters(6F)



Technical Specification

MG
Carbide

HRC55

AlTiN



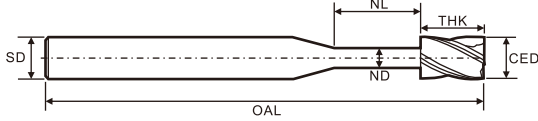
90°

P	H	M	K	N	S
●	●				

Specification	CED	CEL	SD	L	F
D10-30-D10-75L-6T	10	30	10	75	6
D10-50-D10-75L-6T	10	50	10	75	6
D12-36-D12-75L-6T	12	36	12	100	6
D12-50-D12-100L-6T	12	50	12	100	6

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
低碳素钢/软钢 Low Carbon Steel Mild Steel	中碳素钢 Medium Carbon Steel	高碳素钢 High Carbon Steel	合金钢 Alloy Steel	调质钢 Hardened Steel				不锈钢 Stainless Steel	工具钢 Tool Steel	铸钢 Cast Steel	铸铁 Cast Iron	球墨铸铁 Ductile Cast Iron	铜 Copper	铝合金 Aluminum	钛合金 Titanium Alloy	镍 Nickel	耐热钢 Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	●		●	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



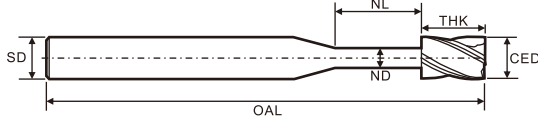
Technical Specification



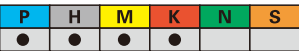
Specification	CED	THK	ND	NL	SD	OAL
D2-0.3-d1-3-D4-50L-4T	2	0.3	1	3	4	50
D2-0.4-d1-3-D4-50L-4T	2	0.4	1	3	4	50
D2-0.5-d1-3-D4-50L-4T	2	0.5	1	3	4	50
D2-0.6-d1-3-D4-50L-4T	2	0.6	1	3	4	50
D2-0.7-d1-3-D4-50L-4T	2	0.7	1	3	4	50
D2-0.8-d1-3-D4-50L-4T	2	0.8	1	3	4	50
D2-0.9-d1-3-D4-50L-4T	2	0.9	1	3	4	50
D2-1-d1-3-D4-50L-4T	2	1	1	3	4	50
D2-1.1-d1-3-D4-50L-4T	2	1.1	1	3	4	50
D2-1.2-d1-3-D4-50L-4T	2	1.2	1	3	4	50
D2-1.3-d1-3-D4-50L-4T	2	1.3	1	3	4	50
D2-1.4-d1-3-D4-50L-4T	2	1.4	1	3	4	50
D2-1.5-d1-3-D4-50L-4T	2	1.5	1	3	4	50
D2-2-d1-3-D4-50L-4T	2	2	1	3	4	50
D2-2.5-d1-3-D4-50L-4T	2	2.5	1	3	4	50
D2-3-d1-3-D4-50L-4T	2	3	1	3	4	50
D2-3.5-d1-3-D4-50L-4T	2	3.5	1	3	4	50
D2-4-d1-3-D4-50L-4T	2	4	1	3	4	50
D3-0.3-d1.5-4-D4-50L-4T	3	0.3	1.5	4	4	50
D3-0.4-d1.5-4-D4-50L-4T	3	0.4	1.5	4	4	50
D3-0.5-d1.5-4-D4-50L-4T	3	0.5	1.5	4	4	50
D3-0.6-d1.5-4-D4-50L-4T	3	0.6	1.5	4	4	50
D3-0.7-d1.5-4-D4-50L-4T	3	0.7	1.5	4	4	50
D3-0.8-d1.5-4-D4-50L-4T	3	0.8	1.5	4	4	50
D3-0.9-d1.5-4-D4-50L-4T	3	0.9	1.5	4	4	50
D3-1-d1.5-4-D4-50L-4T	3	1	1.5	4	4	50
D3-1.1-d1.5-4-D4-50L-4T	3	1.1	1.5	4	4	50
D3-1.2-d1.5-4-D4-50L-4T	3	1.2	1.5	4	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	---

YP554T Carbide T Type Endmill(4F)



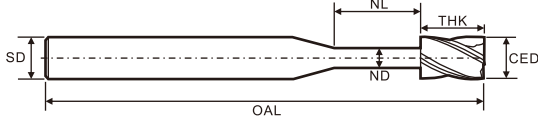
Technical Specification



Specification	CED	THK	ND	NL	SD	OAL
D3-1.3-d1.5-4-D4-50L-4T	3	1.3	1.5	4	4	50
D3-1.4-d1.5-4-D4-50L-4T	3	1.4	1.5	4	4	50
D3-1.5-d1.5-4-D4-50L-4T	3	1.5	1.5	4	4	50
D3-1.6-d1.5-4-D4-50L-4T	3	1.6	1.5	4	4	50
D3-1.7-d1.5-4-D4-50L-4T	3	1.7	1.5	4	4	50
D3-1.8-d1.5-4-D4-50L-4T	3	1.8	1.5	4	4	50
D3-1.9-d1.5-4-D4-50L-4T	3	1.9	1.5	4	4	50
D3-2-d1.5-4-D4-50L-4T	3	2	1.5	4	4	50
D3-2.1-d1.5-4-D4-50L-4T	3	2.1	1.5	4	4	50
D3-2.2-d1.5-4-D4-50L-4T	3	2.2	1.5	4	4	50
D3-2.3-d1.5-4-D4-50L-4T	3	2.3	1.5	4	4	50
D3-2.4-d1.5-4-D4-50L-4T	3	2.4	1.5	4	4	50
D3-2.5-d1.5-4-D4-50L-4T	3	2.5	1.5	4	4	50
D3-2.6-d1.5-4-D4-50L-4T	3	2.6	1.5	4	4	50
D3-2.7-d1.5-4-D4-50L-4T	3	2.7	1.5	4	4	50
D3-2.8-d1.5-4-D4-50L-4T	3	2.8	1.5	4	4	50
D3-2.9-d1.5-4-D4-50L-4T	3	2.9	1.5	4	4	50
D3-3-d1.5-4-D4-50L-4T	3	3	1.5	4	4	50
D3-3.1-d1.5-4-D4-50L-4T	3	3.1	1.5	4	4	50
D3-3.2-d1.5-4-D4-50L-4T	3	3.2	1.5	4	4	50
D3-3.3-d1.5-4-D4-50L-4T	3	3.3	1.5	4	4	50
D3-3.4-d1.5-4-D4-50L-4T	3	3.4	1.5	4	4	50
D3-3.5-d1.5-4-D4-50L-4T	3	3.5	1.5	4	4	50
D3-3.6-d1.5-4-D4-50L-4T	3	3.6	1.5	4	4	50
D3-3.7-d1.5-4-D4-50L-4T	3	3.7	1.5	4	4	50
D3-3.8-d1.5-4-D4-50L-4T	3	3.8	1.5	4	4	50
D3-3.9-d1.5-4-D4-50L-4T	3	3.9	1.5	4	4	50
D3-4-d1.5-4-D4-50L-4T	3	4	1.5	4	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	---

YP554T Carbide T Type Endmill(4F)



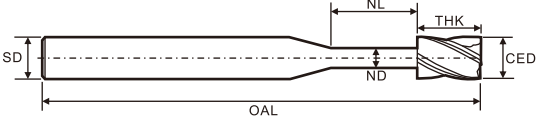
Technical Specification



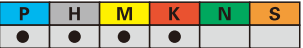
Specification	CED	THK	ND	NL	SD	OAL
D4-0.3-d2-8-D4-50L-4T	4	0.3	2	8	4	50
D4-0.4-d2-8-D4-50L-4T	4	0.4	2	8	4	50
D4-0.5-d2-8-D4-50L-4T	4	0.5	2	8	4	50
D4-0.6-d2-8-D4-50L-4T	4	0.6	2	8	4	50
D4-0.7-d2-8-D4-50L-4T	4	0.7	2	8	4	50
D4-0.8-d2-8-D4-50L-4T	4	0.8	2	8	4	50
D4-0.9-d2-8-D4-50L-4T	4	0.9	2	8	4	50
D4-1-d2-8-D4-50L-4T	4	1	2	8	4	50
D4-1.1-d2-8-D4-50L-4T	4	1.1	2	8	4	50
D4-1.2-d2-8-D4-50L-4T	4	1.2	2	8	4	50
D4-1.3-d2-8-D4-50L-4T	4	1.3	2	8	4	50
D4-1.4-d2-8-D4-50L-4T	4	1.4	2	8	4	50
D4-1.5-d2-8-D4-50L-4T	4	1.5	2	8	4	50
D4-1.6-d2-8-D4-50L-4T	4	1.6	2	8	4	50
D4-1.7-d2-8-D4-50L-4T	4	1.7	2	8	4	50
D4-1.8-d2-8-D4-50L-4T	4	1.8	2	8	4	50
D4-1.9-d2-8-D4-50L-4T	4	1.9	2	8	4	50
D4-2-d2-8-D4-50L-4T	4	2	2	8	4	50
D4-2.1-d2-8-D4-50L-4T	4	2.1	2	8	4	50
D4-2.2-d2-8-D4-50L-4T	4	2.2	2	8	4	50
D4-2.3-d2-8-D4-50L-4T	4	2.3	2	8	4	50
D4-2.4-d2-8-D4-50L-4T	4	2.4	2	8	4	50
D4-2.5-d2-8-D4-50L-4T	4	2.5	2	8	4	50
D4-2.6-d2-8-D4-50L-4T	4	2.6	2	8	4	50
D4-2.7-d2-8-D4-50L-4T	4	2.7	2	8	4	50
D4-2.8-d2-8-D4-50L-4T	4	2.8	2	8	4	50
D4-2.9-d2-8-D4-50L-4T	4	2.9	2	8	4	50
D4-3-d2-8-D4-50L-4T	4	3	2	8	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



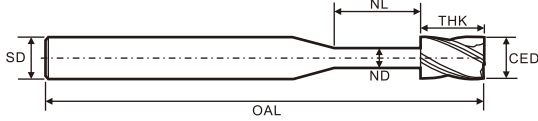
Technical Specification



Specification	CED	THK	ND	NL	SD	OAL
D4-3.1-d2-8-D4-50L-4T	4	3.1	2	8	4	50
D4-3.2-d2-8-D4-50L-4T	4	3.2	2	8	4	50
D4-3.3-d2-8-D4-50L-4T	4	3.3	2	8	4	50
D4-3.4-d2-8-D4-50L-4T	4	3.4	2	8	4	50
D4-3.5-d2-8-D4-50L-4T	4	3.5	2	8	4	50
D4-3.6-d2-8-D4-50L-4T	4	3.6	2	8	4	50
D4-3.7-d2-8-D4-50L-4T	4	3.7	2	8	4	50
D4-3.8-d2-8-D4-50L-4T	4	3.8	2	8	4	50
D4-3.9-d2-8-D4-50L-4T	4	3.9	2	8	4	50
D4-4-d2-8-D4-50L-4T	4	4	2	8	4	50
D4-4.5-d2-8-D4-50L-4T	4	4.5	2	8	4	50
D4-5-d2-8-D4-50L-4T	4	5	2	8	4	50
D4-5.5-d2-8-D4-50L-4T	4	5.5	2	8	4	50
D4-6-d2-8-D4-50L-4T	4	6	2	8	4	50
D5-0.5-d2.4-10-D6-50L-4T	5	0.5	2.4	10	6	50
D5-0.6-d2.4-10-D6-50L-4T	5	0.6	2.4	10	6	50
D5-0.7-d2.4-10-D6-50L-4T	5	0.7	2.4	10	6	50
D5-0.8-d2.4-10-D6-50L-4T	5	0.8	2.4	10	6	50
D5-0.9-d2.4-10-D6-50L-4T	5	0.9	2.4	10	6	50
D5-1-d2.4-10-D6-50L-4T	5	1	2.4	10	6	50
D5-1.5-d2.4-10-D6-50L-4T	5	1.5	2.4	10	6	50
D5-2-d2.4-10-D6-50L-4T	5	2	2.4	10	6	50
D5-2.5-d2.4-10-D6-50L-4T	5	2.5	2.4	10	6	50
D5-3-d2.4-10-D6-50L-4T	5	3	2.4	10	6	50
D5-4-d2.4-10-D6-50L-4T	5	4	2.4	10	6	50
D6-0.3-d3-10-D6-50L-4T	6	0.3	3	10	6	50
D6-0.4-d3-10-D6-50L-4T	6	0.4	3	10	6	50
D6-0.5-d3-10-D6-50L-4T	6	0.5	3	10	6	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



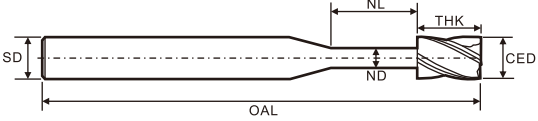
Technical Specification



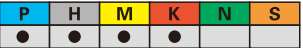
Specification	CED	THK	ND	NL	SD	OAL
D6-0.6-d3-10-D6-50L-4T	6	0.6	3	10	6	50
D6-0.7-d3-10-D6-50L-4T	6	0.7	3	10	6	50
D6-0.8-d3-10-D6-50L-4T	6	0.8	3	10	6	50
D6-0.9-d3-10-D6-50L-4T	6	0.9	3	10	6	50
D6-1-d3-10-D6-50L-4T	6	1	3	10	6	50
D6-1.1-d3-10-D6-50L-4T	6	1.1	3	10	6	50
D6-1.2-d3-10-D6-50L-4T	6	1.2	3	10	6	50
D6-1.3-d3-10-D6-50L-4T	6	1.3	3	10	6	50
D6-1.4-d3-10-D6-50L-4T	6	1.4	3	10	6	50
D6-1.5-d3-10-D6-50L-4T	6	1.5	3	10	6	50
D6-1.6-d3-10-D6-50L-4T	6	1.6	3	10	6	50
D6-1.7-d3-10-D6-50L-4T	6	1.7	3	10	6	50
D6-1.8-d3-10-D6-50L-4T	6	1.8	3	10	6	50
D6-1.9-d3-10-D6-50L-4T	6	1.9	3	10	6	50
D6-2-d3-10-D6-50L-4T	6	2	3	10	6	50
D6-2.1-d3-10-D6-50L-4T	6	2.1	3	10	6	50
D6-2.2-d3-10-D6-50L-4T	6	2.2	3	10	6	50
D6-2.3-d3-10-D6-50L-4T	6	2.3	3	10	6	50
D6-2.4-d3-10-D6-50L-4T	6	2.4	3	10	6	50
D6-2.5-d3-10-D6-50L-4T	6	2.5	3	10	6	50
D6-2.6-d3-10-D6-50L-4T	6	2.6	3	10	6	50
D6-2.7-d3-10-D6-50L-4T	6	2.7	3	10	6	50
D6-2.8-d3-10-D6-50L-4T	6	2.8	3	10	6	50
D6-2.9-d3-10-D6-50L-4T	6	2.9	3	10	6	50
D6-3-d3-10-D650L-4T	6	3	3	10	6	50
D6-3.1-d3-10-D6-50L-4T	6	3.1	3	10	6	50
D6-3.2-d3-10-D6-50L-4T	6	3.2	3	10	6	50
D6-3.3-d3-10-D6-50L-4T	6	3.3	3	10	6	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●			

YP554T Carbide T Type Endmill(4F)



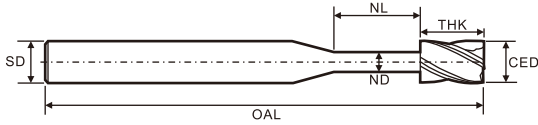
Technical Specification



Specification	CED	THK	ND	NL	SD	OAL
D6-3.4-d3-10-D6-50L-4T	6	3.4	3	10	6	50
D6-3.5-d3-10-D6-50L-4T	6	3.5	3	10	6	50
D6-3.6-d3-10-D6-50L-4T	6	3.6	3	10	6	50
D6-3.7-d3-10-D6-50L-4T	6	3.7	3	10	6	50
D6-3.8-d3-10-D6-50L-4T	6	3.8	3	10	6	50
D6-3.9-d3-10-D6-50L-4T	6	3.9	3	10	6	50
D6-4-d3-10-D6-50L-4T	6	4	3	10	6	50
D6-4.5-d3-10-D6-50L-4T	6	4.5	3	10	6	50
D6-5-d3-10-D6-50L-4T	6	5	3	10	6	50
D6-5.5-d3-10-D6-50L-4T	6	5.5	3	10	6	50
D6-6-d3-10-D6-50L-4T	6	6	3	10	6	50
D8-0.3-d4-12-D8-50L-4T	8	0.3	4	12	8	50
D8-0.4-d4-12-D8-50L-4T	8	0.4	4	12	8	50
D8-0.5-d4-12-D8-50L-4T	8	0.5	4	12	8	50
D8-0.6-d4-12-D8-50L-4T	8	0.6	4	12	8	50
D8-0.7-d4-12-D8-50L-4T	8	0.7	4	12	8	50
D8-0.8-d4-12-D8-50L-4T	8	0.8	4	12	8	50
D8-0.9-d4-12-D8-50L-4T	8	0.9	4	12	8	50
D8-1-d4-12-D8-50L-4T	8	1	4	12	8	50
D8-1.1-d4-12-D8-50L-4T	8	1.1	4	12	8	50
D8-1.15-d4-12-D8-50L-4T	8	1.15	4	12	8	50
D8-1.2-d4-12-D8-50L-4T	8	1.2	4	12	8	50
D8-1.3-d4-12-D8-50L-4T	8	1.3	4	12	8	50
D8-1.4-d4-12-D8-50L-4T	8	1.4	4	12	8	50
D8-1.5-d4-12-D8-50L4T	8	1.5	4	12	8	50
D8-1.6-d4-12-D8-50L-4T	8	1.6	4	12	8	50
D8-1.7-d4-12-D8-50L-4T	8	1.7	4	12	8	50
D8-1.8-d4-12-D8-50L-4T	8	1.8	4	12	8	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



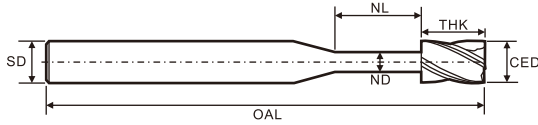
Technical Specification



Specification	CED	THK	ND	NL	SD	OAL
D8-1.9-d4-12-D8-50L-4T	8	1.9	4	12	8	50
D8-2-d4-12-D8-50L-4T	8	2	4	12	8	50
D8-2.1-d4-12-D8-50L-4T	8	2.1	4	12	8	50
D8-2.2-d4-12-D8-50L-4T	8	2.2	4	12	8	50
D8-2.3-d4-12-D8-50L-4T	8	2.3	4	12	8	50
D8-2.4-d4-12-D8-50L-4T	8	2.4	4	12	8	50
D8-2.5-d4-12-D8-50L-4T	8	2.5	4	12	8	50
D8-2.6-d4-12-D8-50L-4T	8	2.6	4	12	8	50
D8-2.7-d4-12-D8-50L-4T	8	2.7	4	12	8	50
D8-2.8-d4-12-D8-50L-4T	8	2.8	4	12	8	50
D8-2.9-d4-12-D8-50L-4T	8	2.9	4	12	8	50
D8-3-d4-12-D8-50L-4T	8	3	4	12	8	50
D8-3.1-d4-12-D8-50L-4T	8	3.1	4	12	8	50
D8-3.2-d4-12-D8-50L-4T	8	3.2	4	12	8	50
D8-3.3-d4-12-D8-50L-4T	8	3.3	4	12	8	50
D8-3.4-d4-12-D8-50L-4T	8	3.4	4	12	8	50
D8-3.5-d4-12-D8-50L-4T	8	3.5	4	12	8	50
D8-3.6-d4-12-D8-50L-4T	8	3.6	4	12	8	50
D8-3.7-d4-12-D8-50L-4T	8	3.7	4	12	8	50
D8-3.8-d4-12-D8-50L-4T	8	3.8	4	12	8	50
D8-3.9-d4-12-D8-50L-4T	8	3.9	4	12	8	50
D8-4-d4-12-D8-50L-4T	8	4	4	12	8	50
D8-4.5-d4-12-D8-50L-4T	8	4.5	4	12	8	50
D8-5-d4-12-D8-50L-4T	8	5	4	12	8	50
D8-5.5-d4-12-D8-50L-4T	8	5.5	4	12	8	50
D8-6-d4-12-D8-50L-4T	8	6	4	12	8	50
D8-8-d4-12-D8-50L-4T	8	8	4	12	8	50
D10-0.3-d5-15-D10-60L-4T	10	0.3	5	15	10	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



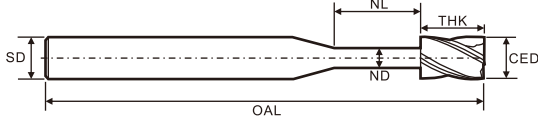
Technical Specification



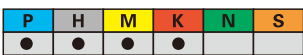
Specification	CED	THK	ND	NL	SD	OAL
D10-0.4-d5-15-D10-60L-4T	10	0.4	5	15	10	60
D10-0.5-d5-15-D10-60L-4T	10	0.5	5	15	10	60
D10-0.6-d5-15-D10-60L-4T	10	0.6	5	15	10	60
D10-0.7-d5-15-D10-60L-4T	10	0.7	5	15	10	60
D10-0.8-d5-15-D10-60L-4T	10	0.8	5	15	10	60
D10-0.9-d5-15-D10-60L-4T	10	0.9	5	15	10	60
D10-1-d5-15-D10-60L-4T	10	1	5	15	10	60
D10-1.1-d5-15-D10-60L-4T	10	1.1	5	15	10	60
D10-1.2-d5-15-D10-60L-4T	10	1.2	5	15	10	60
D10-1.3-d5-15-D10-60L-4T	10	1.3	5	15	10	60
D10-1.4-d5-15-D10-60L-4T	10	1.4	5	15	10	60
D10-1.5-d5-15-D10-60L-4T	10	1.5	5	15	10	60
D10-1.6-d5-15-D10-60L-4T	10	1.6	5	15	10	60
D10-1.7-d5-15-D10-60L-4T	10	1.7	5	15	10	60
D10-1.8-d5-15-D10-60L-4T	10	1.8	5	15	10	60
D10-1.9-d5-15-D10-60L-4T	10	1.9	5	15	10	60
D10-2-d5-15-D10-60L-4T	10	2	5	15	10	60
D10-2.1-d5-15-D10-60L-4T	10	2.1	5	15	10	60
D10-2.2-d5-15-D10-60L-4T	10	2.2	5	15	10	60
D10-2.3-d5-15-D10-60L-4T	10	2.3	5	15	10	60
D10-2.4-d5-15-D10-60L-4T	10	2.4	5	15	10	60
D10-2.5-d5-15-D10-60L-4T	10	2.5	5	15	10	60
D10-2.6-d5-15-D10-60L-4T	10	2.6	5	15	10	60
D10-2.7-d5-15-D10-60L-4T	10	2.7	5	15	10	60
D10-2.8-d5-15-D10-60L-4T	10	2.8	5	15	10	60
D10-2.9-d5-15-D10-60L-4T	10	2.9	5	15	10	60
D10-3-d5-15-D10-60L-4T	10	3	5	15	10	60
D10-3.1-d5-15-D10-60L-4T	10	3.1	5	15	10	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



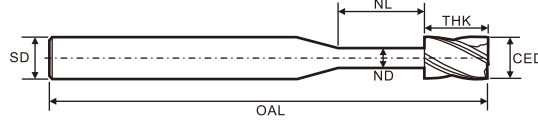
Technical Specification



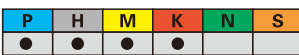
Specification	CED	THK	ND	NL	SD	OAL
D10-3.2-d5-15-D10-60L-4T	10	3.2	5	15	10	60
D10-3.3-d5-15-D10-60L-4T	10	3.3	5	15	10	60
D10-3.4-d5-15-D10-60L-4T	10	3.4	5	15	10	60
D10-3.5-d5-15-D10-60L-4T	10	3.5	5	15	10	60
D10-3.6-d5-15-D10-60L-4T	10	3.6	5	15	10	60
D10-3.7-d5-15-D10-60L-4T	10	3.7	5	15	10	60
D10-3.8-d5-15-D10-60L-4T	10	3.8	5	15	10	60
D10-3.9-d5-15-D10-60L-4T	10	3.9	5	15	10	60
D10-4-d5-15-D10-60L-4T	10	4	5	15	10	60
D10-4.5-d5-15-D10-60L-4T	10	4.5	5	15	10	60
D10-5-d5-15-D10-60L-4T	10	5	5	15	10	60
D10-5.5-d5-15-D10-60L-4T	10	5.5	5	15	10	60
D10-6-d5-15-D10-60L-4T	10	6	5	15	10	60
D10-6.5-d5-15-D10-60L-4T	10	6.5	5	15	10	60
D10-7-d5-15-D10-60L-4T	10	7	5	15	10	60
D10-7.5-d5-15-D10-60L-4T	10	7.5	5	15	10	60
D10-8-d5-15-D10-60L-4T	10	8	5	15	10	60
D10-10-d5-15-D10-60L-4T	10	10	5	15	10	60
D12-0.5-d6-15-D12-60L-4T	12	0.5	6	15	12	60
D12-0.6-d6-15-D12-60L-4T	12	0.6	6	15	12	60
D12-0.7-d6-15-D12-60L-4T	12	0.7	6	15	12	60
D12-0.8-d6-15-D12-60L-4T	12	0.8	6	15	12	60
D12-0.9-d6-15-D12-60L-4T	12	0.9	6	15	12	60
D12-1-d6-15-D12-60L-4T	12	1	6	15	12	60
D12-1.1-d6-15-D12-60L-4T	12	1.1	6	15	12	60
D12-1.15-d6-15-D12-60L-4T	12	1.15	6	15	12	60
D12-1.2-d6-15-D12-60L-4T	12	1.2	6	15	12	60
D12-1.3-d6-15-D12-60L-4T	12	1.3	6	15	12	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



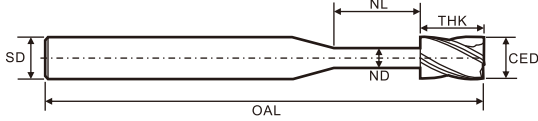
Technical Specification



Specification	CED	THK	ND	NL	SD	OAL
D12-1.4-d6-15-D12-60L-4T	12	1.4	6	15	12	60
D12-1.5-d6-15-D12-60L-4T	12	1.5	6	15	12	60
D12-1.6-d6-15-D12-60L-4T	12	1.6	6	15	12	60
D12-1.7-d6-15-D12-60L-4T	12	1.7	6	15	12	60
D12-1.8-d6-15-D12-60L-4T	12	1.8	6	15	12	60
D12-1.9-d6-15-D12-60L-4T	12	1.9	6	15	12	60
D12-2-d6-15-D12-60L-4T	12	2	6	15	12	60
D12-2.1-d6-15-D12-60L-4T	12	2.1	6	15	12	60
D12-2.2-d6-15-D12-60L-4T	12	2.2	6	15	12	60
D12-2.3-d6-15-D12-60L-4T	12	2.3	6	15	12	60
D12-2.4-d6-15-D12-60L-4T	12	2.4	6	15	12	60
D12-2.5-d6-15-D12-60L-4T	12	2.5	6	15	12	60
D12-2.6-d6-15-D12-60L-4T	12	2.6	6	15	12	60
D12-2.7-d6-15-D12-60L-4T	12	2.7	6	15	12	60
D12-2.8-d6-15-D12-60L-4T	12	2.8	6	15	12	60
D12-2.9-d6-15-D12-60L-4T	12	2.9	6	15	12	60
D12-3-d6-15-D12-60L-4T	12	3	6	15	12	60
D12-3.1-d6-15-D12-60L-4T	12	3.1	6	15	12	60
D12-3.2-d6-15-D12-60L-4T	12	3.2	6	15	12	60
D12-3.3-d6-15-D12-60L-4T	12	3.3	6	15	12	60
D12-3.4-d6-15-D12-60L-4T	12	3.4	6	15	12	60
D12-3.5-d6-15-D12-60L-4T	12	3.5	6	15	12	60
D12-3.6-d6-15-D12-60L-4T	12	3.6	6	15	12	60
D12-3.7-d6-15-D12-60L-4T	12	3.7	6	15	12	60
D12-3.8-d6-15-D12-60L-4T	12	3.8	6	15	12	60
D12-3.9-d6-15-D12-60L-4T	12	3.9	6	15	12	60
D12-4-d6-15-D12-60L-4T	12	4	6	15	12	60
D12-4.5-d6-15-D12-60L-4T	12	4.5	6	15	12	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel			Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel	
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



Technical Specification

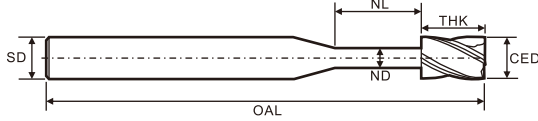


P	H	M	K	N	S
●	●	●	●		

Specification	CED	THK	ND	NL	SD	OAL
D12-5-d6-15-D12-60L-4T	12	5	6	15	12	60
D12-5.5-d6-15-D12-60L-4T	12	5.5	6	15	12	60
D12-6-d6-15-D12-60L-4T	12	6	6	15	12	60
D12-6.5-d6-15-D12-60L-4T	12	6.5	6	15	12	60
D12-7-d6-15-D12-60L-4T	12	7	6	15	12	60
D12-7.5-d6-15-D12-60L-4T	12	7.5	6	15	12	60
D12-8-d6-15-D12-60L-4T	12	8	6	15	12	60
D12-10-d6-15-D12-60L-4T	12	10	6	15	12	60
D12-12-d6-15-D12-60L-4T	12	12	6	15	12	60
D14-1-d6-20-D14-75L-4T	14	1	6	20	14	75
D14-1.5-d6-20-D14-75L-4T	14	1.5	6	20	14	75
D14-2-d6-20-D14-75L-4T	14	2	6	20	14	75
D14-2.5-d6-20-D14-75L-4T	14	2.5	6	20	14	75
D14-3-d6-20-D14-75L-4T	14	3	6	20	14	75
D14-3.5-d6-20-D14-75L-4T	14	3.5	6	20	14	75
D14-4-d6-20-D14-75L-4T	14	4	6	20	14	75
D14-4.5-d6-20-D14-75L-4T	14	4.5	6	20	14	75
D14-5-d6-20-D14-75L-4T	14	5	6	20	14	75
D14-6-d6-20-D14-75L-4T	14	6	6	20	14	75
D14-7-d6-20-D14-75L-4T	14	7	6	20	14	75
D14-8-d6-20-D14-75L-4T	14	8	6	20	14	75
D14-10-d6-20-D14-75L-4T	14	10	6	20	14	75
D14-12-d6-20-D14-75L-4T	14	12	6	20	14	75

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554T Carbide T Type Endmill(4F)



Technical Specification



P	H	M	K	N	S
●	●	●	●		

Specification	CED	THK	ND	NL	SD	OAL
D16-1-d7-20-D16-75L-4T	16	1	7	20	16	75
D16-1.5-d7-20-D16-75L-4T	16	1.5	7	20	16	75
D16-2-d7-20-D16-75L-4T	16	2	7	20	16	75
D16-2.5-d7-20-D16-75L-4T	16	2.5	7	20	16	75
D16-3-d7-20-D16-75L-4T	16	3	7	20	16	75
D16-3.5-d7-20-D16-75L-4T	16	3.5	7	20	16	75
D16-4-d7-20-D16-75L-4T	16	4	7	20	16	75
D16-4.5-d7-20-D16-75L-4T	16	4.5	7	20	16	75
D16-5-d7-20-D16-75L-4T	16	5	7	20	16	75
D16-6-d7-20-D16-75L-4T	16	6	7	20	16	75
D16-7-d7-20-D16-75L-4T	16	7	7	20	16	75
D16-8-d7-20-D16-75L-4T	16	8	7	20	16	75
D16-10-d7-20-D16-75L-4T	16	10	7	20	16	75
D16-12-d7-20-D16-75L-4T	16	12	7	20	16	75

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554DT Carbide Dovetail Endmill(4F)



Technical Specification



P	H	M	K	N	S
●	●	●	●		

Specification	CED	Unilateral angle	CEL	ND	LN	SD	OAL
D3-30A-d1.5-5-D4-50L-4T	3	30°	0.43	1.5	5	4	50
D4-30A-d2-6-D4-50L-4T	4	30°	0.58	2	6	4	50
D5-30A-d2.5-8-D6-50L-4T	5	30°	0.72	2.5	8	6	50
D6-30A-d3-8-D6-50L-4T	6	30°	0.87	3	8	6	50
D8-30A-d4-D10-D8-50L-4T	8	30°	1.15	4	10	8	50
D10-30A-d5-15-D10-60L-4T	10	30°	1.44	5	15	10	60
D12-30A-d6-15-D12-60L-4T	12	30°	1.73	6	15	12	60
D1-60A-d0.5-2.5-D4-50L-4T	1	60°	0.43	0.5	2.5	4	50
D1.5-60A-d0.75-3.2-D4-50L-4T	1.5	60°	0.65	0.75	3.2	4	50
D2-60A-d1-4-D4-50L-4T	2	60°	0.87	1	4	4	50
D2.5-60A-d1.25-5-D4-50L-4T	2.5	60°	1.1	1.25	5	4	50
D3-60A-d1.5-7-D4-50L-4T	3	60°	1.3	1.5	7	4	50
D4-60A-d2-8-D4-50L-4T	4	60°	1.73	2	8	4	50
D5-60A-d2.5-10-D6-50L-4T	5	60°	2.17	2.5	10	6	50
D6-60A-d3-11-D6-50L-4T	6	60°	2.6	3	11	6	50
D8-60A-d4-14-D8-50L-4T	8	60°	3.46	4	14	8	50
D10-60A-d5-20-D10-60L-4T	10	60°	4.33	5	20	10	60
D12-60A-d6-26-D12-60L-4T	12	60°	5.2	6	21	12	60
D14-60A-d7-26-D14-80L-4T	14	60°	6.06	7	26	14	80
D16-60A-d8-27-D16-80L-4T	16	60°	6.93	8	27	16	80

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554DT Carbide Dovetail Endmill(4F)



Technical Specification

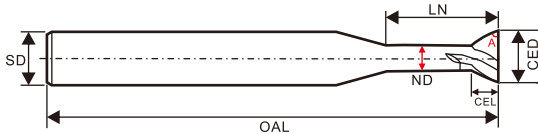


P	H	M	K	N	S
●	●	●	●		

Specification	CED	Unilateral angle	CEL	ND	LN	SD	OAL
D0.8-45A-d0.4-2-D4-50L-4T	0.8	45°	0.2	0.4	2	4	50
D0.9-45A-d0.4-2-D4-50L-4T	0.9	45°	0.25	0.4	2	4	50
D1-45A-d0.5-2.5-D4-50L-4T	1	45°	0.25	0.5	2.5	4	50
D1.1-45A-d0.6-2.5-D4-50L-4T	1.1	45°	0.25	0.6	2.5	4	50
D1.2-45A-d0.6-2.5-D4-50L-4T	1.2	45°	0.3	0.6	2.5	4	50
D1.3-45A-d0.6-2.5-D4-50L-4T	1.3	45°	0.35	0.6	2.5	4	50
D1.4-45A-d0.6-2.5-D4-50L-4T	1.4	45°	0.4	0.6	2.5	4	50
D1.5-45A-d0.75-2.8-D4-50L-4T	1.5	45°	0.38	0.75	2.8	4	50
D1.6-45A-d0.7-3-D4-50L-4T	1.6	45°	0.45	0.7	3	4	50
D1.7-45A-d0.7-3-D4-50L-4T	1.7	45°	0.5	0.7	3	4	50
D1.8-45A-d0.7-3-D4-50L-4T	1.8	45°	0.55	0.7	3	4	50
D1.9-45A-d0.7-3-D4-50L-4T	1.9	45°	0.6	0.7	3	4	50
D2-45A-d1-3.5-D4-50L-4T	2	45°	0.5	1	3.5	4	50
D2.1-45A-d1-4-D4-50L-4T	2.1	45°	0.55	1	4	4	50
D2.2-45A-d1-4-D4-50L-4T	2.2	45°	1.6	1	4	4	50
D2.3-45A-d1-4-D4-50L-4T	2.3	45°	0.65	1	4	4	50
D2.4-45A-d1-4-D4-50L-4T	2.4	45°	0.7	1	4	4	50
D2.5-45A-d1.25-4-D4-50L-4T	2.5	45°	0.63	1.25	4	4	50
D2.6-45A-d1.2-5-D4-50L-4T	2.6	45°	0.7	1.2	5	4	50
D2.7-45A-d1.2-5-D4-50L-4T	2.7	45°	0.75	1.2	5	4	50
D2.8-45A-d1.2-5-D4-50L-4T	2.8	45°	0.8	1.2	5	4	50
D2.9-45A-d1.2-5-D4-50L-4T	2.9	45°	0.85	1.2	5	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554DT Carbide Dovetail Endmill(4F)



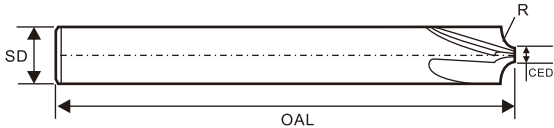
Technical Specification



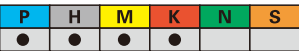
Specification	CED	Unilateral angle	CEL	ND	LN	SD	OAL
D3-45A-d1.5-6-D4-50L-4T	3	45°	0.75	1.5	6	4	50
D3.1-45A-d1.5-6-D4-50L-4T	3.1	45°	0.8	1.5	6	4	50
D3.2-45A-d1.5-6-D4-50L-4T	3.2	45°	0.85	1.5	6	4	50
D3.3-45A-d1.5-6-D4-50L-4T	3.3	45°	0.9	1.5	6	4	50
D3.4-45A-d1.5-6-D4-50L-4T	3.4	45°	0.95	1.5	6	4	50
D3.5-45A-d1.5-6-D4-50L-4T	3.5	45°	1	1.5	6	4	50
D3.6-45A-d1.5-6-D4-50L-4T	3.6	45°	1.05	1.5	6	4	50
D3.7-45A-d1.5-6-D4-50L-4T	3.7	45°	1.1	1.5	6	4	50
D3.8-45A-d1.56-D4-50L-4T	3.8	45°	1.15	1.5	6	4	50
D3.9-45A-d1.5-6-D4-50L-4T	3.9	45°	1.2	1.5	6	4	50
D4-45A-d2-7-D4-50L-4T	4	45°	1	2	7	4	50
D5-45A-d2.5-9-D6-50L-4T	5	45°	1.25	2.5	9	6	50
D6-45A-d3-9.5-D6-50L-4T	6	45°	1.5	3	9.5	6	50
D8-45A-d4-12-D8-50L-4T	8	45°	2	4	12	8	50
D10-45A-d5-17.5-D10-60L-4T	10	45°	2.5	5	17.5	10	60
D12-45A-d6-18-D12-60L-4T	12	45°	3	6	18	12	60
D14-45A-d7-23.5-D14-80L-4T	14	45°	3.5	7	23.5	14	80
D16-45A-d8-24-D16-80L-4T	16	45°	4	8	24	16	80

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					

YP554IR Inner R Endmill(4F)



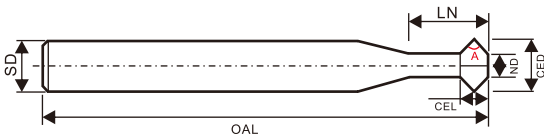
Technical Specification



Specification	R	CED	SD	OAL	F
R0.2-D3.6-D4-50L-4T	R0.2	3.6	4	50	4
R0.25-D3.5-D4-50L-4T	R0.25	3.5	4	50	4
R0.3-D3.4-D4-50L-4T	R0.3	3.4	4	50	4
R0.4-D3.2-D4-50L-4T	R0.4	3.2	4	50	4
R0.5-D3-D4-50L-4T	R0.5	3	4	50	4
R0.6-D2.8-D4-50L-4T	R0.6	2.8	4	50	4
R0.7-D2.6-D4-50L-4T	R0.7	2.6	4	50	4
R0.75-D2.5-D4-50L-4T	R0.75	2.5	4	50	4
R0.8-D2.4-D4-50L-4T	R0.8	2.4	4	50	4
R1-D2-D4-50L-4T	R1	2	4	50	4
R1.25-D1.5-D4-50L-4T	R1.25	1.5	4	50	4
R1.5-D1-D4-50L-4T	R1.5	1	4	50	4
R1.75-D0.5-D4-50L-4T	R1.75	0.5	4	50	4
R1.5-D3-D6-50L-4T	R1.5	3	6	50	4
R1.75-D2.5-D6-50L-4T	R1.75	2.5	6	50	4
R2-D2-D6-50L-4T	R2	2	6	50	4
R2.5-D1-D6-50L-4T	R2.5	1	6	50	4
R2.25-D3.5-D8-50L-4T	R2.25	3.5	8	50	4
R2.5-D3-D8-50L-4T	R2.5	3	8	50	4
R3-D2-D8-50L-4T	R3	2	8	50	4
R3.25-D1.5-D8-50L-4T	R3.25	1.5	8	50	4
R3.5-D1-D8-50L-4T	R3.5	1	8	50	4
R3.75-D2.5-D10-60L-4T	R3.75	2.5	10	60	4
R4-D2-D10-60L-4T	R4	2	10	60	4
R4.5-D3-D12-60L-4T	R4.5	3	12	60	4
R5-D2-D12-60L-4T	R5	2	12	60	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○	○	○	●	●	●	●					

YP554G Upper and Lower Chamfer Endmills



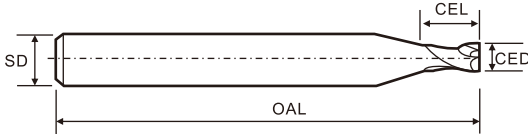
Technical Specification



Specification	CED	A	CEL	ND	LN	SD	OAL
D2-60A-0.64-d0.9-2.5-D4-50L-4T	2	60°	0.64	0.9	2.5	4	50
D3-60A-0.92-d1.4-3.5-D4-50L-4T	3	60°	0.92	1.4	3.5	4	50
D4-60A-1.24-d1.85-4-D4-50L-4T	4	60°	1.24	1.85	4	4	50
D5-60A-1.56-d2.3-5-D6-50L-4T	5	60°	1.56	2.3	5	6	50
D6-60A-1.9-d2.7-6-D6-50L-4T	6	60°	1.9	2.7	6	6	50
D8-60A-2.54-d3.6-8-D8-60L-4T	8	60°	2.54	3.6	8	8	60
D10-60A-3.18-d4.5-10-D10-75L-4T	10	60°	3.18	4.5	10	10	75
D12-60A-3.81-d5.4-11-D12-75L-4T	12	60°	3.81	5.4	11	12	75
D2-90A-1.1-d0.9-3-D4-50L-4T	2	90°	1.1	0.9	3	4	50
D3-90A-1.6-d1.4-4-D4-50L-4T	3	90°	1.6	1.4	4	4	50
D4-90A-2.15-d1.85-5-D4-50L-4T	4	90°	2.15	1.85	5	4	50
D5-90A-2.7-d2.3-6-D6-50L-4T	5	90°	2.7	2.3	6	6	50
D6-90A-3.3-d2.7-7-D6-50L-4T	6	90°	3.3	2.7	7	6	50
D8-90A-4.4-d3.6-10-D8-60L-4T	8	90°	4.4	3.6	10	8	60
D10-90A-5.5-d4.5-12-D10-75L-4T	10	90°	5.5	4.5	12	10	75
D12-90A-6.6-d5.4-14-D12-75L-4T	12	90°	6.6	5.4	14	12	75
D2-120A-1.9-d0.9-4-D4-50L-4T	2	120°	1.9	0.9	4	4	50
D3-120A-2.77-d1.4-5-D4-50L-4T	3	120°	2.77	1.4	5	4	50
D4-120A-3.72-d1.85-7-D4-50L-4T	4	120°	3.72	1.85	7	4	50
D5-120A-4.67-d2.3-8-D6-50L-4T	5	120°	4.67	2.3	8	6	50
D6-120A-5.71-d2.7-10-D6-50L-4T	6	120°	5.71	2.7	10	6	50
D8-120A-7.62-d3.6-13-D8-60L-4T	8	120°	7.62	3.6	13	8	60
D10-120A-9.53-d4.5-16-D10-75L-4T	10	120°	9.53	4.5	16	10	75
D12-120A-11.43-d5.4-19-D12-75L-4T	12	120°	11.43	5.4	19	12	75

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	○	●	●	●	●	●	—	—

YP552D Carbide Decimal Endmills (2F)



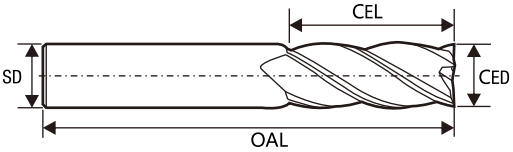
Technical Specification



Specification	CED	CEL	SD	OAL	F
D1.1-3.3-D4-50L	1.1	3.3	4	50	2
D1.2-3.6-D4-50L	1.2	3.6	4	50	2
D1.3-3.9-D4-50L	1.3	3.9	4	50	2
D1.4-4.2-D4-50L	1.4	4.2	4	50	2
D1.6-4.8-D4-50L	1.6	4.8	4	50	2
D1.7-5.1-D4-50L	1.7	5.1	4	50	2
D1.8-5.4-D4-50L	1.8	5.4	4	50	2
D1.9-5.7-D4-50L	1.9	5.7	4	50	2
D2.1-6.3-D4-50L	2.1	6.3	4	50	2
D2.2-6.6-D4-50L	2.2	6.6	4	50	2
D2.3-6.9-D4-50L	2.3	6.9	4	50	2
D2.4-7.2-D4-50L	2.4	7.2	4	50	2
D2.6-7.8-D4-50L	2.6	7.8	4	50	2
D2.7-8.1-D4-50L	2.7	8.1	4	50	2
D2.8-8.4-D4-50L	2.8	8.4	4	50	2
D2.9-8.7-D4-50L	2.9	8.7	4	50	2
D3.1-9.3-D4-50L	3.1	9.3	4	50	2
D3.2-9.6-D4-50L	3.2	9.6	4	50	2
D3.3-9.9-D4-50L	3.3	9.9	4	50	2
D3.4-10.2-D4-50L	3.4	10.2	4	50	2
D3.5-10.5-D4-50L	3.5	10.5	4	50	2
D3.6-10.8-D4-50L	3.6	10.8	4	50	2
D3.7-11.1-D4-50L	3.7	11.1	4	50	2
D3.8-11.4-D4-50L	3.8	11.4	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	●	○	●	●	●	●	●	—	—

YP554D Carbide Decimal Endmills (4F)



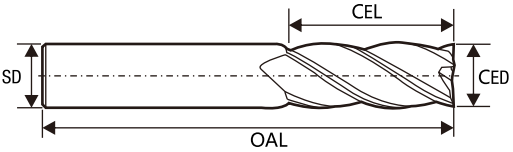
Technical Specification



Specification	CED	CEL	SD	OAL	F
D1.05-3.15-D4-50L-4T	1.05	3.15	4	50	4
D1.1-3.3-D4-50L-4T	1.1	3.3	4	50	4
D1.15-3.45-D4-50L-4T	1.15	3.45	4	50	4
D1.2-3.6-D4-50L-4T	1.2	3.6	4	50	4
D1.25-3.75-D4-50L-4T	1.25	3.75	4	50	4
D1.3-3.9-D4-50L-4T	1.3	3.9	4	50	4
D1.35-4.05-D4-50L-4T	1.35	4.05	4	50	4
D1.4-4.2-D4-50L-4T	1.4	4.2	4	50	4
D1.45-4.35-D4-50L-4T	1.45	4.35	4	50	4
D1.55-4.65-D4-50L-4T	1.55	4.65	4	50	4
D1.6-4.8-D4-50L-4T	1.6	4.8	4	50	4
D1.65-4.95-D4-50L-4T	1.65	4.95	4	50	4
D1.7-5.1-D4-50L-4T	1.7	5.1	4	50	4
D1.75-5.25-D4-50L-4T	1.75	5.25	4	50	4
D1.8-5.4-D4-50L-4T	1.8	5.4	4	50	4
D1.85-5.55-D4-50L-4T	1.85	5.55	4	50	4
D1.9-5.7-D4-50L-4T	1.9	5.7	4	50	4
D1.95-5.85-D4-50L-4T	1.95	5.85	4	50	4
D2.05-6.15-D4-50L-4T	2.05	6.15	4	50	4
D2.1-6.3-D4-50L-4T	2.1	6.3	4	50	4
D2.15-6.45-D4-50L-4T	2.15	6.45	4	50	4
D2.2-6.6-D4-50L-4T	2.2	6.6	4	50	4
D2.25-6.75-D4-50L-4T	2.25	6.75	4	50	4
D2.3-6.9-D4-50L-4T	2.3	6.9	4	50	4

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	—

YP554D Carbide Decimal Endmills (4F)



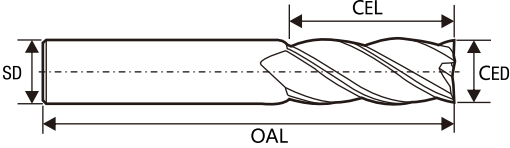
Technical Specification



Specification	CED	CEL	SD	OAL	F
D2.35-7.05-D4-50L-4T	2.35	7.05	4	50	4
D2.4-7.2-D4-50L-4T	2.4	7.2	4	50	4
D2.45-7.35-D4-50L-4T	2.45	7.35	4	50	4
D2.55-7.65-D4-50L-4T	2.55	7.65	4	50	4
D2.6-7.8-D4-50L-4T	2.6	7.8	4	50	4
D2.65-7.95-D4-50L-4T	2.65	7.95	4	50	4
D2.7-8.1-D4-50L-4T	2.7	8.1	4	50	4
D2.75-8.25-D4-50L-4T	2.75	8.25	4	50	4
D2.8-8.4-D4-50L-4T	2.8	8.4	4	50	4
D2.85-8.55-D4-50L-4T	2.85	8.55	4	50	4
D2.9-8.7-D4-50L-4T	2.9	8.7	4	50	4
D2.95-8.85-D4-50L-4T	2.95	8.85	4	50	4
D3.05-9.15-D4-50L-4T	3.05	9.15	4	50	4
D3.1-9.3-D4-50L-4T	3.1	9.3	4	50	4
D3.15-9.45-D4-50L-4T	3.15	9.45	4	50	4
D3.2-9.6-D4-50L-4T	3.2	9.6	4	50	4
D3.25-9.75-D4-50L-4T	3.25	9.75	4	50	4
D3.3-9.9-D4-50L-4T	3.3	9.9	4	50	4
D3.35-10.05-D4-50L-4T	3.35	10.05	4	50	4
D3.4-10.2-D4-50L-4T	3.4	10.2	4	50	4
D3.45-10.35-D4-50L-4T	3.45	10.35	4	50	4
D3.5-10.5-D4-50L-4T	3.5	10.5	4	50	4
D3.55-10.65-D4-50L-4T	3.55	10.65	4	50	4
D3.6-10.8-D4-50L-4T	3.6	10.8	4	50	4

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	—

YP554D Carbide Decimal Endmills (4F)



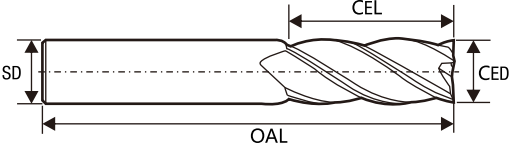
Technical Specification



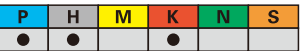
Specification	CED	CEL	SD	OAL	F
D3.65-10.95-D4-50L-4T	3.65	10.95	4	50	4
D3.7-11.1-D4-50L-4T	3.7	11.1	4	50	4
D3.75-11.25-D4-50L-4T	3.75	11.25	4	50	4
D3.8-11.4-D4-50L-4T	3.8	11.4	4	50	4
D3.85-11.55-D4-50L-4T	3.85	11.55	4	50	4
D3.9-11.7-D4-50L-4T	3.9	11.7	4	50	4
D3.95-11.85-D4-50L-4T	3.95	11.85	4	50	4
D4.1-12.3-D6-50L-4T	4.1	12.3	6	50	4
D4.2-12.6-D6-50L-4T	4.2	12.6	6	50	4
D4.3-12.9-D6-50L-4T	4.3	12.9	6	50	4
D4.4-13.2-D6-50L-4T	4.4	13.2	6	50	4
D4.5-13.5-D6-50L-4T	4.5	13.5	6	50	4
D4.6-13.8-D6-50L-4T	4.6	13.8	6	50	4
D4.7-14.1-D6-50L-4T	4.7	14.1	6	50	4
D4.8-14.4-D6-50L-4T	4.8	14.4	6	50	4
D4.9-14.7-D6-50L-4T	4.9	14.7	6	50	4
D5.1-15.3-D6-50L-4T	5.1	15.3	6	50	4
D5.2-15.6-D6-50L-4T	5.2	15.6	6	50	4
D5.3-15.9-D6-50L-4T	5.3	15.9	6	50	4
D5.4-16.2-D6-50L-4T	5.4	16.2	6	50	4
D5.5-16.5-D6-50L-4T	5.5	16.5	6	50	4
D5.6-16.8-D6-50L-4T	5.6	16.8	6	50	4
D5.7-17.1-D6-50L-4T	5.7	17.1	6	50	4
D5.8-17.4-D6-50L-4T	5.8	17.4	6	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	—

YP554D Carbide Decimal Endmills (4F)



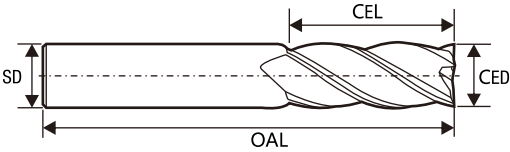
Technical Specification



Specification	CED	CEL	SD	OAL	F
D5.9-17.7-D6-50L-4T	5.9	17.7	6	50	4
D6.1-18.3-D8-60L-4T	6.1	18.3	8	60	4
D6.2-18.6-D8-60L-4T	6.2	18.6	8	60	4
D6.3-18.9-D8-60L-4T	6.3	18.9	8	60	4
D6.4-19.2-D8-60L-4T	6.4	19.2	8	60	4
D6.5-19.5-D8-60L-4T	6.5	19.5	8	60	4
D6.6-19.8-D8-60L-4T	6.6	19.8	8	60	4
D6.7-20.1-D8-60L-4T	6.7	20.1	8	60	4
D6.8-20.4-D8-60L-4T	6.8	20.4	8	60	4
D6.9-20.7-D8-60L-4T	6.9	20.7	8	60	4
D7-21-D8-60L-4T	7	21	8	60	4
D7.1-21.3-D8-60L-4T	7.1	21.3	8	60	4
D7.2-21.6-D8-60L-4T	7.2	21.6	8	60	4
D7.3-21.9-D8-60L-4T	7.3	21.9	8	60	4
D7.4-22.2-D8-60L-4T	7.4	22.2	8	60	4
D7.5-22.5-D8-60L-4T	7.5	22.5	8	60	4
D7.6-22.8-D8-60L-4T	7.6	22.8	8	60	4
D7.7-23.1-D8-60L-4T	7.7	23.1	8	60	4
D7.8-23.4-D8-60L-4T	7.8	23.4	8	60	4
D7.9-23.7-D8-60L-4T	7.9	23.7	8	60	4
D8.1-24.3-D10-75L-4T	8.1	24.3	10	75	4
D8.2-24.6-D10-75L-4T	8.2	24.6	10	75	4
D8.3-24.9-D10-75L-4T	8.3	24.9	10	75	4
D8.4-25.2-D10-75L-4T	8.4	25.2	10	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	—

YP554D Carbide Decimal Endmills (4F)



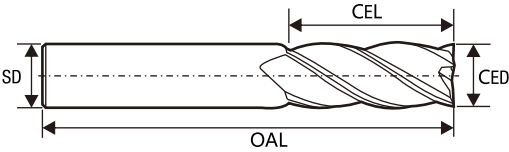
Technical Specification



Specification	CED	CEL	SD	OAL	F
D8.5-25.5-D10-75L-4T	8.5	25.5	10	75	4
D8.6-25.8-D10-75L-4T	8.6	25.8	10	75	4
D8.7-26.1-D10-75L-4T	8.7	26.1	10	75	4
D8.8-26.4-D10-75L-4T	8.8	26.4	10	75	4
D8.9-26.7-D10-75L-4T	8.9	26.7	10	75	4
D9-27-D10-75L-4T	9	27	10	75	4
D9.1-27.3-D10-75L-4T	9.1	27.3	10	75	4
D9.2-27.6-D10-75L-4T	9.2	27.6	10	75	4
D9.3-27.9-D10-75L-4T	9.3	27.9	10	75	4
D9.4-28.2-D10-75L-4T	9.4	28.2	10	75	4
D9.5-28.5-D10-75L-4T	9.5	28.5	10	75	4
D9.6-28.8-D10-75L-4T	9.6	28.8	10	75	4
D9.7-29.1-D10-75L-4T	9.7	29.1	10	75	4
D9.8-29.4-D10-75L-4T	9.8	29.4	10	75	4
D9.9-29.7-D10-75L-4T	9.9	29.7	10	75	4
D10.1-30.3-D12-75L-4T	10.1	30.3	12	75	4
D10.2-30.6-D12-75L-4T	10.2	30.6	12	75	4
D10.3-30.9-D12-75L-4T	10.3	30.9	12	75	4
D10.4-31.2-D12-75L-4T	10.4	31.2	12	75	4
D10.5-31.5-D12-75L-4T	10.5	31.5	12	75	4
D10.6-31.8-D12-75L-4T	10.6	31.8	12	75	4
D10.7-32.1-D12-75L-4T	10.7	32.1	12	75	4
D10.8-32.4-D12-75L-4T	10.8	32.4	12	75	4
D10.9-32.7-D12-75L-4T	10.9	32.7	12	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●			

YP554D Carbide Decimal Endmills (4F)



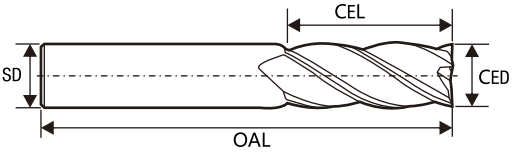
Technical Specification



Specification	CED	CEL	SD	OAL	F
D11-33-D12-75L-4T	11	33	12	75	4
D11.1-33.3-D12-75L-4T	11.1	33.3	12	75	4
D11.2-33.6-D12-75L-4T	11.2	33.6	12	75	4
D11.3-33.9-D12-75L-4T	11.3	33.9	12	75	4
D11.4-34.2-D12-75L-4T	11.4	34.2	12	75	4
D11.5-34.5-D12-75L-4T	11.5	34.5	12	75	4
D11.6-34.8-D12-75L-4T	11.6	34.8	12	75	4
D11.7-35.1-D12-75L-4T	11.7	35.1	12	75	4
D11.8-35.4-D12-75L-4T	11.8	35.4	12	75	4
D11.9-35.7-D12-75L-4T	11.9	35.7	12	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●			

YZ734F High Efficiency Endmills for M.S(4F)



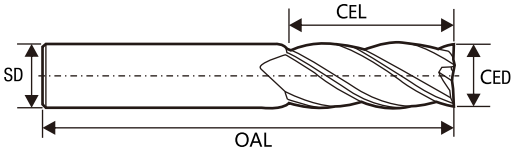
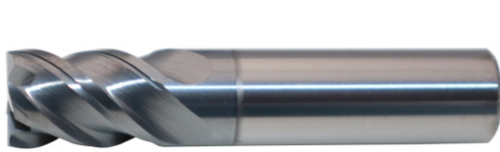
Technical Specification



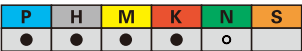
Specification	CED	CEL	SD	OAL	F
D1-2.5-D4-50L-4T	1	2.5	4	50	4
D1.5-4-D4-50L-4T	1.5	4	4	50	4
D2-5-D4-50L-4T	2	5	4	50	4
D2.5-6.3-D4-50L-4T	2.5	6.3	4	50	4
D3-7.5-D4-50L-4T	3	7.5	4	50	4
D3-7.5-D6-50L-4T	3	7.5	6	50	4
D3.5-9-D4-50L-4T	3.5	9	4	50	4
D3.5-9-D6-50L-4T	3.5	9	6	50	4
D4-10-D4-50L-4T	4	10	4	50	4
D4-10-D6-50L-4T	4	10	6	50	4
D5-12.5-D6-50L-4T	5	12.5	6	50	4
D6-15-D6-50L-4T	6	15	6	50	4
D6-15-D6-75L-4T	6	15	6	75	4
D6-15-D6-100L-4T	6	15	6	100	4
D8-20-D8-60L-4T	8	20	8	60	4
D8-20-D8-75L-4T	8	20	8	75	4
D8-20-D8-100L-4T	8	20	8	100	4
D10-25-D10-75L-4T	10	25	10	75	4
D10-25-D10-100L-4T	10	25	10	100	4
D10-25-D10-150L-4T	10	25	10	150	4
D12-30-D12-75L-4T	12	30	12	75	4
D12-30-D12-100L-4T	12	30	12	100	4
D12-30-D12-150L-4T	12	30	12	150	4
D16-40-D16-100L-4T	16	40	16	100	4
D16-40-D16-150L-4T	16	40	16	150	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
○	○	○	○					●					○		●

YZ804SC Carbide Short End Mills For Lathe(4F)



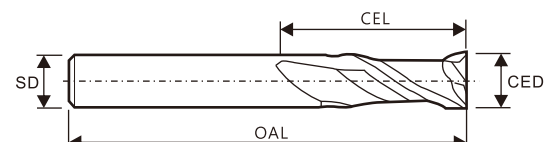
Technical Specification



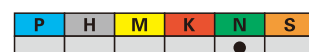
Specification	CED	CEL	SD	OAL	F
D1.0-2H-D4-50L-4T	1	2	4	50	4
D1.2-2H-D4-50L-4T	1.2	2	4	50	4
D1.5-3H-D4-50L-4T	1.5	3	4	50	4
D2.0-3H-D4-50L-4T	2	3	4	50	4
D2.5-4H-D4-50L-4T	2.5	4	4	50	4
D3.0-5H-D4-50L-4T	3	5	4	50	4
D3.5-5H-D4-50L-4T	3.5	5	4	50	4
D4.0-6H-D4-50L-4T	4	6	4	50	4
D5.0-7H-D6-50L-4T	5	7	6	50	4
D6.0-7H-D6-50L-4T	6	7	6	50	4
D6.0-10H-D6-50L-4T	6	10	6	50	4
D7.0-10H-D8-50L-4T	7	10	8	50	4
D8.0-9H-D8-50L-4T	8	9	8	50	4
D9.0-13H-D10-50L-4T	9	13	10	50	4
D10.0-15H-D10-50L-4T	10	15	10	50	4
D12.0-15H-D12-50L-4T	12	15	12	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○		●	●	●	●	●	○		○

YA552A Carbide Endmills for Aluminum(2F)



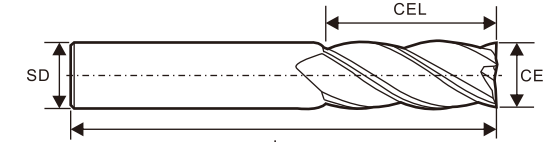
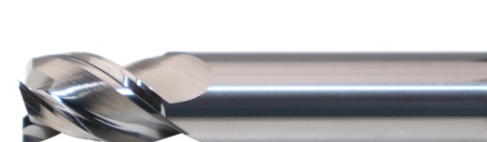
技术规格/ Technical Specification



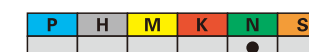
Specification	CED	CEL	SD	OAL	F
D1-2-D4-50L-2T	1	2	4	50	2
D1-3-D4-50L-2T	1	3	4	50	2
D1.5-3-D4-50L-2T	1.5	3	4	50	2
D1.5-4.5-D4-50L-2T	1.5	4.5	4	50	2
D2-4-D4-50L-2T	2	4	4	50	2
D2-6-D4-50L-2T	2	6	4	50	2
D2.5-5-D4-50L-2T	2.5	5	4	50	2
D2.5-7.5-D4-50L-2T	2.5	7.5	4	50	2
D3-6-D4-50L-2T	3	6	4	50	2
D3-9-D4-50L-2T	3	9	4	50	2
D4-8-D4-50L-2T	4	8	4	50	2
D4-10-D4-50L-2T	4	10	4	50	2
D4-12-D4-50L-2T	4	12	4	50	2
D5-15-D6-50L-2T	5	15	6	50	2
D6-12-D6-50L-2T	6	12	6	50	2
D6-18-D6-50L-2T	6	18	6	50	2
D8-20-D8-60L-2T	8	20	8	60	2
D10-25-D10-75L-2T	10	25	10	75	2
D10-30-D10-75L-2T	10	30	10	75	2
D12-30-D12-75L-2T	12	30	12	75	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553SC Carbide Short End Mills For Lathe(3F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D1.0-2H-D4-50L-3T	1	2	4	50	3
D1.2-2H-D4-50L-3T	1.2	2	4	50	3
D1.5-3H-D4-50L-3T	1.5	3	4	50	3
D2.0-3H-D4-50L-3T	2	3	4	50	3
D2.5-4H-D4-50L-3T	2.5	4	4	50	3
D3.0-5H-D4-50L-3T	3	5	4	50	3
D3.5-5H-D4-50L-3T	3.5	5	4	50	3
D4.0-6H-D4-50L-3T	4	6	4	50	3
D5.0-7H-D6-50L-3T	5	7	6	50	3
D6.0-7H-D6-50L-3T	6	7	6	50	3
D6.0-10H-D6-50L-3T	6	10	6	50	3
D7.0-10H-D8-50L-3T	7	10	8	50	3
D8.0-9H-D8-50L-3T	8	9	8	50	3
D9.0-13H-D10-50L-3T	9	13	10	50	3
D10.0-15H-D10-50L-3T	10	15	10	50	3
D12.0-15H-D12-50L-3T	12	15	12	50	3

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553F Fine Endmills for Aluminum(3F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D1-2-D4-50L-3T	1	2	4	50	3
D1-3-D4-50L-3T	1	3	4	50	3
D1.5-3-D4-50L-3T	1.5	3	4	50	3
D1.5-4.5-D4-50L-3T	1.5	4.5	4	50	3
D2-4-D4-50L-3T	2	4	4	50	3
D2-6-D4-50L-3T	2	6	4	50	3
D2.5-5-D4-50L-3T	2.5	5	4	50	3
D2.5-7.5-D4-50L-3T	2.5	7.5	4	50	3
D3-6-D4-50L-3T	3	6	4	50	3
D3-9-D4-50L-3T	3	9	4	50	3
D4-8-D4-50L-3T	4	8	4	50	3
D4-10-D4-50L-3T	4	10	4	50	3
D4-12-D4-50L-3T	4	12	4	50	3
D5-15-D6-50L-3T	5	15	6	50	3
D6-12-D6-50L-3T	6	12	6	50	3
D6-18-D6-50L-3T	6	18	6	50	3
D8-20-D8-60L-3T	8	20	8	60	3
D10-25-D10-75L-3T	10	25	10	75	3
D10-30-D10-75L-3T	10	30	10	75	3
D12-30-D12-75L-3T	12	30	12	75	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553HL Fine Finish Endmills for Aluminum(3F)



Technical Specification



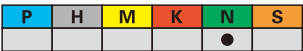
Specification	CED	CEL	SD	OAL	F
D1-3-D4-50L-3T	1	3	4	50	3
D1.5-4.5-D4-50L-3T	1.5	4.5	4	50	3
D2-6-D4-50L-3T	2	6	4	50	3
D2.5-8-D4-50L-3T	2.5	8	4	50	3
D3-9-D4-50L-3T	3	9	4	50	3
D3-15-D6-75L-3T	3	15	6	75	3
D3.5-11-D4-50L-3T	3.5	11	4	50	3
D4-12-D4-50L-3T	4	12	4	50	3
D4-20-D6-75L-3T	4	20	6	75	3
D5-15-D6-50L-3T	5	15	6	50	3
D5-25-D6-75L-3T	5	25	6	75	3
D6-18-D6-50L-3T	6	18	6	50	3
D6-30-D6-75L-3T	6	30	6	75	3
D7-21-D8-60L-3T	7	21	8	60	3
D8-24-D8-60L-3T	8	24	8	60	3
D8-40-D8-100L-3T	8	40	8	100	3
D9-30-D10-75L-3T	9	30	10	75	3
D10-30-D10-75L-3T	10	30	10	75	3
D10-50-D10-100L-3T	10	50	10	100	3
D12-36-D12-75L-3T	12	36	12	75	3
D12-50-D12-100L-3T	12	50	12	100	3
D16-50-D16-100L-3T	16	50	16	100	3
D16-70-D16-150L-3T	16	70	16	150	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553HE Unqual Finish and High Efficiency Endmills for Aluminum(3F)



技术规格/ Technical Specification



Specification	CED	CEL	SD	L	F
D1-3-D4-50L-3T	1	3	4	50	3
D1.5-5-D4-50L-3T	1.5	5	4	50	3
D2-6-D4-50L-3T	2	6	4	50	3
D2.5-8-D4-50L-3T	2.5	8	4	50	3
D3-12-D6-50L-3T	3	12	6	50	3
D4-11-D6-50L-3T	4	11	6	50	3
D4-16-D6-55L-3T	4	16	6	55	3
D5-13-D6-50L-3T	5	13	6	50	3
D5-20-D6-60L-3T	5	20	6	60	3
D6-16-D6-50L-3T	6	16	6	50	3
D6-24-D6-65L-3T	6	24	6	65	3
D8-20-D8-60L-3T	8	20	8	60	3
D8-32-D8-75L-3T	8	32	8	75	3
D10-25-D10-72L-3T	10	25	10	72	3
D10-40-D10-100L-3T	10	40	10	100	3
D12-30-D12-75L-3T	12	30	12	75	3
D12-48-D12-110L-3T	12	48	12	110	3
D14-35-D16-100L-3T	14	35	16	100	3
D16-40-D16-100L-3T	16	40	16	100	3
D16-64-D16-140L-3T	16	64	16	140	3
D18-40-D20-100L-3T	18	40	20	100	3
D20-40-D20-100L-3T	20	40	20	100	3
D20-80-D20-160L-3T	20	80	20	160	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553YC High Efficiency Endmills for Aluminum(3F)



Technical Specification



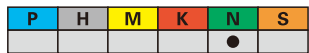
Specification	CED	CEL	D	L	F
D3-9-D4-50L-3T	3	9	4	50	3
D3-9-D6-50L-3T	3	9	6	50	3
D4-12-D4-50L-3T	4	12	4	50	3
D4-12-D6-50L-3T	4	12	6	50	3
D5-15-D6-50L-3T	5	15	6	50	3
D6-18-D6-50L-3T	6	18	6	50	3
D6-25-D6-75L-3T	6	25	6	75	3
D7-21-D8-60L-3T	7	21	8	60	3
D8-24-D8-60L-3T	8	24	8	60	3
D8-35-D8-75L-3T	8	35	8	75	3
D9-27-D10-75L-3T	9	27	10	75	3
D10-30-D10-75L-3T	10	30	10	75	3
D10-40-D10-100L-3T	10	40	10	100	3
D12-36-D12-75L-3T	12	36	12	75	3
D12-50-D12-100L-3T	12	50	12	100	3
D16-50-D16-100L-3T	16	50	16	100	3
D16-65-D16-120L-3T	16	65	16	120	3
D20-60-D20-120L-3T	20	60	20	120	3
D20-80-D20-140L-3T	20	80	20	140	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC3HL DLC Coating Glossy Finish Endmills for Aluminum(3F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D1-3-D4-50L-3T	1	3	4	50	3
D1.5-4.5-D4-50L-3T	1.5	4.5	4	50	3
D2-6-D4-50L-3T	2	6	4	50	3
D2.5-7.5-D4-50L-3T	2.5	7.5	4	50	3
D3-9-*D3-50L-3T	3	9	3	50	3
D3-9-D4-50L-3T	3	9	4	50	3
D4-12-D4-50L-3T	4	12	4	50	3
D4-14-D4-75L-3T	4	14	4	75	3
D4-20-D4-100L-3T	4	20	4	100	3
D5-15-D6-50L-3T	5	15	6	50	3
D5-20-D6-100L-3T	5	20	6	100	3
D6-18-D6-50L-3T	6	18	6	50	3
D6-20-D6-50L-3T	6	20	6	50	3
D6-25-D6-100L-3T	6	25	6	100	3
D6-30-D6-75L-3T	6	30	6	75	3
D6-40-D6-100L-3T	6	40	6	100	3
D7-21-D8-60L-3T	7	21	8	60	3
D8-24-D8-60L-3T	8	24	8	60	3
D8-35-D8-100L-3T	8	35	8	100	3
D8-50-D8-150L-3T	8	50	8	150	3
D10-30-D10-75L-3T	10	30	10	75	3
D10-40-D10-100L-3T	10	40	10	100	3
D10-55-D10-150L-3T	10	55	10	150	3
D12-36-D12-75L-3T	12	36	12	75	3
D12-45-D12-100L-3T	12	45	12	100	3
D12-60-D12-150L-3T	12	60	12	150	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC3A Coating High Efficiency Endmills for Aluminum(3F)



Technical Specification



Specification	CED	CEL	SD	L	F
D0.5-1-D4-50L-3T	0.5	1	4	50	3
D0.8-2-D4-50L-3T	0.8	2	4	50	3
D1-3-D4-50L-3T	1	3	4	50	3
D1.5-5-D4-50L-3T	1.5	5	4	50	3
D2-6-D4-50L-3T	2	6	4	50	3
D2.5-8-D4-50L-3T	2.5	8	4	50	3
D3-8-D4-50L-3T	3	8	4	50	3
D3-9-D4-75L-3T	3	9	4	75	3
D3-12-D4-100L-3T	3	12	4	100	3
D4-12-D4-50L-3T	4	12	4	50	3
D4-12-D4-75L-3T	4	12	4	75	3
D4-16-D4-100L-3T	4	16	4	100	3
D5-15-D5-50L-3T	5	15	5	50	3
D5-15-D6-50L-3T	5	15	6	50	3
D5-15-D6-75L-3T	5	15	6	75	3
D5-20-D6-100L-3T	5	20	6	100	3
D6-18-D6-50L-3T	6	18	6	50	3
D6-24-D6-75L-3T	6	24	6	75	3
D6-24-D6-100L-3T	6	24	6	100	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC3A Coating High Efficiency Endmills for Aluminum(3F)



Technical Specification

MG Carbide

HRC55

DLC

90°

	P	H	M	K	N	S
					●	

Specification	CED	CEL	SD	L	F
D8-24-D8-60L-3T	8	24	8	60	3
D8-24-D8-75L-3T	8	24	8	75	3
D8-32-D8-100L-3T	8	32	8	100	3
D8-32-D8-150L-3T	8	32	8	150	3
D10-30-D10-75L-3T	10	30	10	75	3
D10-30-D10-100L-3T	10	30	10	100	3
D10-40-D10-150L-3T	10	40	10	150	3
D12-36-D12-75L-3T	12	36	12	75	3
D12-36-D12-100L-3T	12	36	12	100	3
D12-48-D12-150L-3T	12	48	12	150	3
D16-48-D16-100L-3T	16	48	16	100	3
D16-64-D16-150L-3T	16	64	16	150	3
D20-50-D20-100L-3T	20	50	20	100	3
D20-60-D20-150L-3T	20	60	20	150	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552D Decimal Endmills for Aluminum(2F)



Technical Specification

MG Carbide

HRC55

Uncoated

90°

	P	H	M	K	N	S
					●	

Specification	CED	CEL	SD	OAL	F
D1.1-3.3-D4-50L	1.1	3.3	4	50	2
D1.2-3.6-D4-50L	1.2	3.6	4	50	2
D1.3-3.9-D4-50L	1.3	3.9	4	50	2
D1.4-4.2-D4-50L	1.4	4.2	4	50	2
D1.6-4.8-D4-50L	1.6	4.8	4	50	2
D1.7-5.1-D4-50L	1.7	5.1	4	50	2
D1.8-5.4-D4-50L	1.8	5.4	4	50	2
D1.9-5.7-D4-50L	1.9	5.7	4	50	2
D2.1-6.3-D4-50L	2.1	6.3	4	50	2
D2.2-6.6-D4-50L	2.2	6.6	4	50	2
D2.3-6.9-D4-50L	2.3	6.9	4	50	2
D2.4-7.2-D4-50L	2.4	7.2	4	50	2
D2.6-7.8-D4-50L	2.6	7.8	4	50	2
D2.7-8.1-D4-50L	2.7	8.1	4	50	2
D2.8-8.4-D4-50L	2.8	8.4	4	50	2
D2.9-8.7-D4-50L	2.9	8.7	4	50	2
D3.1-9.3-D4-50L	3.1	9.3	4	50	2
D3.2-9.6-D4-50L	3.2	9.6	4	50	2
D3.3-9.9-D4-50L	3.3	9.9	4	50	2
D3.4-10.2-D4-50L	3.4	10.2	4	50	2
D3.5-10.5-D4-50L	3.5	10.5	4	50	2
D3.6-10.8-D4-50L	3.6	10.8	4	50	2
D3.7-11.1-D4-50L	3.7	11.1	4	50	2
D3.8-11.4-D4-50L	3.8	11.4	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553D Decimal Endmills for Aluminum(3F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D1.05-3.15-D4-50L-3T	1.05	3.15	4	50	3
D1.1-3.3-D4-50L-3T	1.1	3.3	4	50	3
D1.15-3.45-D4-50L-3T	1.15	3.45	4	50	3
D1.2-3.6-D4-50L-3T	1.2	3.6	4	50	3
D1.25-3.75-D4-50L-3T	1.25	3.75	4	50	3
D1.3-3.9-D4-50L-3T	1.3	3.9	4	50	3
D1.35-4.05-D4-50L-3T	1.35	4.05	4	50	3
D1.4-4.2-D4-50L-3T	1.4	4.2	4	50	3
D1.45-4.35-D4-50L-3T	1.45	4.35	4	50	3
D1.55-4.65-D4-50L-3T	1.55	4.65	4	50	3
D1.6-4.8-D4-50L-3T	1.6	4.8	4	50	3
D1.65-4.95-D4-50L-3T	1.65	4.95	4	50	3
D1.7-5.1-D4-50L-3T	1.7	5.1	4	50	3
D1.75-5.25-D4-50L-3T	1.75	5.25	4	50	3
D1.8-5.4-D4-50L-3T	1.8	5.4	4	50	3
D1.85-5.55-D4-50L-3T	1.85	5.55	4	50	3
D1.9-5.7-D4-50L-3T	1.9	5.7	4	50	3
D1.95-5.85-D4-50L-3T	1.95	5.85	4	50	3
D2.05-6.15-D4-50L-3T	2.05	6.15	4	50	3
D2.1-6.3-D4-50L-3T	2.1	6.3	4	50	3
D2.15-6.45-D4-50L-3T	2.15	6.45	4	50	3
D2.2-6.6-D4-50L-3T	2.2	6.6	4	50	3
D2.25-6.75-D4-50L-3T	2.25	6.75	4	50	3
D2.3-6.9-D4-50L-3T	2.3	6.9	4	50	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553D Decimal Endmills for Aluminum(3F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D2.35-7.05-D4-50L-3T	2.35	7.05	4	50	3
D2.4-7.2-D4-50L-3T	2.4	7.2	4	50	3
D2.45-7.35-D4-50L-3T	2.45	7.35	4	50	3
D2.55-7.65-D4-50L-3T	2.55	7.65	4	50	3
D2.6-7.8-D4-50L-3T	2.6	7.8	4	50	3
D2.65-7.95-D4-50L-3T	2.65	7.95	4	50	3
D2.7-8.1-D4-50L-3T	2.7	8.1	4	50	3
D2.75-8.25-D4-50L-3T	2.75	8.25	4	50	3
D2.8-8.4-D4-50L-3T	2.8	8.4	4	50	3
D2.85-8.55-D4-50L-3T	2.85	8.55	4	50	3
D2.9-8.7-D4-50L-3T	2.9	8.7	4	50	3
D2.95-8.85-D4-50L-3T	2.95	8.85	4	50	3
D3.05-9.15-D4-50L-3T	3.05	9.15	4	50	3
D3.1-9.3-D4-50L-3T	3.1	9.3	4	50	3
D3.15-9.45-D4-50L-3T	3.15	9.45	4	50	3
D3.2-9.6-D4-50L-3T	3.2	9.6	4	50	3
D3.25-9.75-D4-50L-3T	3.25	9.75	4	50	3
D3.3-9.9-D4-50L-3T	3.3	9.9	4	50	3
D3.35-10.05-D4-50L-3T	3.35	10.05	4	50	3
D3.4-10.2-D4-50L-3T	3.4	10.2	4	50	3
D3.45-10.35-D4-50L-3T	3.45	10.35	4	50	3
D3.5-10.5-D4-50L-3T	3.5	10.5	4	50	3
D3.55-10.65-D4-50L-3T	3.55	10.65	4	50	3
D3.6-10.8-D4-50L-3T	3.6	10.8	4	50	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553D Decimal Endmills for Aluminum(3F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D3.65-10.95-D4-50L-3T	3.65	10.95	4	50	3
D3.7-11.1-D4-50L-3T	3.7	11.1	4	50	3
D3.75-11.25-D4-50L-3T	3.75	11.25	4	50	3
D3.8-11.4-D4-50L-3T	3.8	11.4	4	50	3
D3.85-11.55-D4-50L-3T	3.85	11.55	4	50	3
D3.9-11.7-D4-50L-3T	3.9	11.7	4	50	3
D3.95-11.85-D4-50L-3T	3.95	11.85	4	50	3
D4.1-12.3-D6-50L-3T	4.1	12.3	6	50	3
D4.2-12.6-D6-50L-3T	4.2	12.6	6	50	3
D4.3-12.9-D6-50L-3T	4.3	12.9	6	50	3
D4.4-13.2-D6-50L-3T	4.4	13.2	6	50	3
D4.5-13.5-D6-50L3T	4.5	13.5	6	50	3
D4.6-13.8-D6-50L-3T	4.6	13.8	6	50	3
D4.7-14.1-D6-50L-3T	4.7	14.1	6	50	3
D4.8-14.4-D6-50L-3T	4.8	14.4	6	50	3
D4.9-14.7-D6-50L-3T	4.9	14.7	6	50	3
D5.1-15.3-D6-50L-3T	5.1	15.3	6	50	3
D5.2-15.6-D6-50L-3T	5.2	15.6	6	50	3
D5.3-15.9-D6-50L-3T	5.3	15.9	6	50	3
D5.4-16.2-D6-50L-3T	5.4	16.2	6	50	3
D5.5-16.5-D6-50L-3T	5.5	16.5	6	50	3
D5.6-16.8-D6-50L-3T	5.6	16.8	6	50	3
D5.7-17.1-D6-50L-3T	5.7	17.1	6	50	3
D5.8-17.4-D6-50L-3T	5.8	17.4	6	50	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553D Decimal Endmills for Aluminum(3F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D5.9-17.7-D6-50L-3T	5.9	17.7	6	50	3
D6.1-18.3-D8-60L-3T	6.1	18.3	8	60	3
D6.2-18.6-D8-60L-3T	6.2	18.6	8	60	3
D6.3-18.9-D8-60L-3T	6.3	18.9	8	60	3
D6.4-19.2-D8-60L-3T	6.4	19.2	8	60	3
D6.5-19.5-D8-60L-3T	6.5	19.5	8	60	3
D6.6-19.8-D8-60L-3T	6.6	19.8	8	60	3
D6.7-20.1-D8-60L-3T	6.7	20.1	8	60	3
D6.8-20.4-D8-60L-3T	6.8	20.4	8	60	3
D6.9-20.7-D8-60L-3T	6.9	20.7	8	60	3
D7-21-D8-60L-3T	7	21	8	60	3
D7.1-21.3-D8-60L-3T	7.1	21.3	8	60	3
D7.2-21.6-D8-60L-3T	7.2	21.6	8	60	3
D7.3-21.9-D8-60L-3T	7.3	21.9	8	60	3
D7.4-22.2-D8-60L-3T	7.4	22.2	8	60	3
D7.5-22.5-D8-60L-3T	7.5	22.5	8	60	3
D7.6-22.8-D8-60L-3T	7.6	22.8	8	60	3
D7.7-23.1-D8-60L-3T	7.7	23.1	8	60	3
D7.8-23.4-D8-60L-3T	7.8	23.4	8	60	3
D7.9-23.7-D8-60L-3T	7.9	23.7	8	60	3
D8.1-24.3-D10-75L-3T	8.1	24.3	10	75	3
D8.2-24.6-D10-75L-3T	8.2	24.6	10	75	3
D8.3-24.9-D10-75L-3T	8.3	24.9	10	75	3
D8.4-25.2-D10-75L-3T	8.4	25.2	10	75	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553D Decimal Endmills for Aluminum(3F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D8.5-25.5-D10-75L-3T	8.5	25.5	10	75	3
D8.6-25.8-D10-75L-3T	8.6	25.8	10	75	3
D8.7-26.1-D10-75L-3T	8.7	26.1	10	75	3
D8.8-26.4-D10-75L-3T	8.8	26.4	10	75	3
D8.9-26.7-D10-75L-3T	8.9	26.7	10	75	3
D9-27-D10-75L-3T	9	27	10	75	3
D9.1-27.3-D10-75L-3T	9.1	27.3	10	75	3
D9.2-27.6-D10-75L-3T	9.2	27.6	10	75	3
D9.3-27.9-D10-75L-3T	9.3	27.9	10	75	3
D9.4-28.2-D10-75L-3T	9.4	28.2	10	75	3
D9.5-28.5-D10-75L-3T	9.5	28.5	10	75	3
D9.6-28.8-D10-75L-3T	9.6	28.8	10	75	3
D9.7-29.1-D10-75L-3T	9.7	29.1	10	75	3
D9.8-29.4-D10-75L-3T	9.8	29.4	10	75	3
D9.9-29.7-D10-75L-3T	9.9	29.7	10	75	3
D10.1-30.3-D12-75L-3T	10.1	30.3	12	75	3
D10.2-30.6-D12-75L-3T	10.2	30.6	12	75	3
D10.3-30.9-D12-75L-3T	10.3	30.9	12	75	3
D10.4-31.2-D12-75L-3T	10.4	31.2	12	75	3
D10.5-31.5-D12-75L-3T	10.5	31.5	12	75	3
D10.6-31.8-D12-75L-3T	10.6	31.8	12	75	3
D10.7-32.1-D12-75L-3T	10.7	32.1	12	75	3
D10.8-32.4-D12-75L-3T	10.8	32.4	12	75	3
D10.9-32.7-D12-75L3T	10.9	32.7	12	75	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553D Decimal Endmills for Aluminum(3F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D11-33-D12-75L-3T	11	33	12	75	3
D11.1-33.3-D12-75L-3T	11.1	33.3	12	75	3
D11.2-33.6-D12-75L-3T	11.2	33.6	12	75	3
D11.3-33.9-D12-75L-3T	11.3	33.9	12	75	3
D11.4-34.2-D12-75L-3T	11.4	34.2	12	75	3
D11.5-34.5-D12-75L-3T	11.5	34.5	12	75	3
D11.6-34.8-D12-75L-3T	11.6	34.8	12	75	3
D11.7-35.1-D12-75L-3T	11.7	35.1	12	75	3
D11.8-35.4-D12-75L-3T	11.8	35.4	12	75	3
D11.9-35.7-D12-75L-3T	11.9	35.7	12	75	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D2-0.3-d1-3-D4-50L-4T	2	0.3	1	3	4	50
D2-0.4-d1-3-D4-50L-4T	2	0.4	1	3	4	50
D2-0.5-d1-3-D4-50L-4T	2	0.5	1	3	4	50
D2-0.6-d1-3-D4-50L-4T	2	0.6	1	3	4	50
D2-0.7-d1-3-D4-50L-4T	2	0.7	1	3	4	50
D2-0.8-d1-3-D4-50L-4T	2	0.8	1	3	4	50
D2-0.9-d1-3-D4-50L-4T	2	0.9	1	3	4	50
D2-1-d1-3-D4-50L-4T	2	1	1	3	4	50
D2-1.1-d1-3-D4-50L-4T	2	1.1	1	3	4	50
D2-1.2-d1-3-D4-50L-4T	2	1.2	1	3	4	50
D2-1.3-d1-3-D4-50L-4T	2	1.3	1	3	4	50
D2-1.4-d1-3-D4-50L-4T	2	1.4	1	3	4	50
D2-1.5-d1-3-D4-50L-4T	2	1.5	1	3	4	50
D2-2-d1-3-D4-50L-4T	2	2	1	3	4	50
D2-2.5-d1-3-D4-50L-4T	2	2.5	1	3	4	50
D2-3-d1-3-D4-50L-4T	2	3	1	3	4	50
D2-3.5-d1-3-D4-50L-4T	2	3.5	1	3	4	50
D2-4-d1-3-D4-50L-4T	2	4	1	3	4	50
D3-0.3-d1.5-4-D4-50L-4T	3	0.3	1.5	4	4	50
D3-0.4-d1.5-4-D4-50L-4T	3	0.4	1.5	4	4	50
D3-0.5-d1.5-4-D4-50L-4T	3	0.5	1.5	4	4	50
D3-0.6-d1.5-4-D4-50L-4T	3	0.6	1.5	4	4	50
D3-0.7-d1.5-4-D4-50L-4T	3	0.7	1.5	4	4	50
D3-0.8-d1.5-4-D4-50L-4T	3	0.8	1.5	4	4	50
D3-0.9-d1.5-4-D4-50L-4T	3	0.9	1.5	4	4	50
D3-1-d1.5-4-D4-50L-4T	3	1	1.5	4	4	50
D3-1.1-d1.5-4-D4-50L-4T	3	1.1	1.5	4	4	50
D3-1.2-d1.5-4-D4-50L-4T	3	1.2	1.5	4	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification

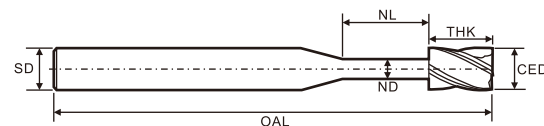


P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D3-1.3-d1.5-4-D4-50L-4T	3	1.3	1.5	4	4	50
D3-1.4-d1.5-4-D4-50L-4T	3	1.4	1.5	4	4	50
D3-1.5-d1.5-4-D4-50L-4T	3	1.5	1.5	4	4	50
D3-1.6-d1.5-4-D4-50L-4T	3	1.6	1.5	4	4	50
D3-1.7-d1.5-4-D4-50L-4T	3	1.7	1.5	4	4	50
D3-1.8-d1.5-4-D4-50L-4T	3	1.8	1.5	4	4	50
D3-1.9-d1.5-4-D4-50L-4T	3	1.9	1.5	4	4	50
D3-2-d1.5-4-D4-50L-4T	3	2	1.5	4	4	50
D3-2.1-d1.5-4-D4-50L-4T	3	2.1	1.5	4	4	50
D3-2.2-d1.5-4-D4-50L-4T	3	2.2	1.5	4	4	50
D3-2.3-d1.5-4-D4-50L-4T	3	2.3	1.5	4	4	50
D3-2.4-d1.5-4-D4-50L-4T	3	2.4	1.5	4	4	50
D3-2.5-d1.5-4-D4-50L-4T	3	2.5	1.5	4	4	50
D3-2.6-d1.5-4-D4-50L-4T	3	2.6	1.5	4	4	50
D3-2.7-d1.5-4-D4-50L-4T	3	2.7	1.5	4	4	50
D3-2.8-d1.5-4-D4-50L-4T	3	2.8	1.5	4	4	50
D3-2.9-d1.5-4-D4-50L-4T	3	2.9	1.5	4	4	50
D3-3-d1.5-4-D4-50L-4T	3	3	1.5	4	4	50
D3-3.1-d1.5-4-D4-50L-4T	3	3.1	1.5	4	4	50
D3-3.2-d1.5-4-D4-50L-4T	3	3.2	1.5	4	4	50
D3-3.3-d1.5-4-D4-50L-4T	3	3.3	1.5	4	4	50
D3-3.4-d1.5-4-D4-50L-4T	3	3.4	1.5	4	4	50
D3-3.5-d1.5-4-D4-50L-4T	3	3.5	1.5	4	4	50
D3-3.6-d1.5-4-D4-50L-4T	3	3.6	1.5	4	4	50
D3-3.7-d1.5-4-D4-50L-4T	3	3.7	1.5	4	4	50
D3-3.8-d1.5-4-D4-50L-4T	3	3.8	1.5	4	4	50
D3-3.9-d1.5-4-D4-50L-4T	3	3.9	1.5	4	4	50
D3-4-d1.5-4-D4-50L-4T	3	4	1.5	4	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



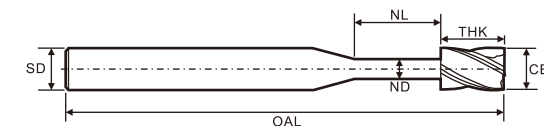
Technical Specification



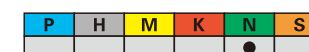
Specification	CED	THK	ND	NL	SD	OAL
D4-0.3-d2-8-D4-50L-4T	4	0.3	2	8	4	50
D4-0.4-d2-8-D4-50L-4T	4	0.4	2	8	4	50
D4-0.5-d2-8-D4-50L-4T	4	0.5	2	8	4	50
D4-0.6-d2-8-D4-50L-4T	4	0.6	2	8	4	50
D4-0.7-d2-8-D4-50L-4T	4	0.7	2	8	4	50
D4-0.8-d2-8-D4-50L-4T	4	0.8	2	8	4	50
D4-0.9-d2-8-D4-50L-4T	4	0.9	2	8	4	50
D4-1-d2-8-D4-50L-4T	4	1	2	8	4	50
D4-1.1-d2-8-D4-50L-4T	4	1.1	2	8	4	50
D4-1.2-d2-8-D4-50L-4T	4	1.2	2	8	4	50
D4-1.3-d2-8-D4-50L-4T	4	1.3	2	8	4	50
D4-1.4-d2-8-D4-50L-4T	4	1.4	2	8	4	50
D4-1.5-d2-8-D4-50L-4T	4	1.5	2	8	4	50
D4-1.6-d2-8-D4-50L-4T	4	1.6	2	8	4	50
D4-1.7-d2-8-D4-50L-4T	4	1.7	2	8	4	50
D4-1.8-d2-8-D4-50L-4T	4	1.8	2	8	4	50
D4-1.9-d2-8-D4-50L-4T	4	1.9	2	8	4	50
D4-2-d2-8-D4-50L-4T	4	2	2	8	4	50
D4-2.1-d2-8-D4-50L-4T	4	2.1	2	8	4	50
D4-2.2-d2-8-D4-50L-4T	4	2.2	2	8	4	50
D4-2.3-d2-8-D4-50L-4T	4	2.3	2	8	4	50
D4-2.4-d2-8-D4-50L-4T	4	2.4	2	8	4	50
D4-2.5-d2-8-D4-50L-4T	4	2.5	2	8	4	50
D4-2.6-d2-8-D4-50L-4T	4	2.6	2	8	4	50
D4-2.7-d2-8-D4-50L-4T	4	2.7	2	8	4	50
D4-2.8-d2-8-D4-50L-4T	4	2.8	2	8	4	50
D4-2.9-d2-8-D4-50L-4T	4	2.9	2	8	4	50
D4-3-d2-8-D4-50L-4T	4	3	2	8	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA554T Carbide T Type Endmill for Aluminum(4F)



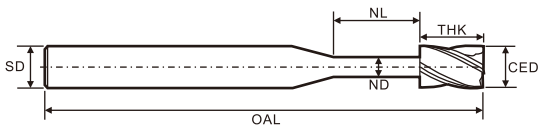
Technical Specification



Specification	CED	THK	ND	NL	SD	OAL
D4-3.1-d2-8-D4-50L-4T	4	3.1	2	8	4	50
D4-3.2-d2-8-D4-50L-4T	4	3.2	2	8	4	50
D4-3.3-d2-8-D4-50L-4T	4	3.3	2	8	4	50
D4-3.4-d2-8-D4-50L-4T	4	3.4	2	8	4	50
D4-3.5-d2-8-D4-50L-4T	4	3.5	2	8	4	50
D4-3.6-d2-8-D4-50L-4T	4	3.6	2	8	4	50
D4-3.7-d2-8-D4-50L-4T	4	3.7	2	8	4	50
D4-3.8-d2-8-D4-50L-4T	4	3.8	2	8	4	50
D4-3.9-d2-8-D4-50L-4T	4	3.9	2	8	4	50
D4-4-d2-8-D4-50L-4T	4	4	2	8	4	50
D4-4.5-d2-8-D4-50L-4T	4	4.5	2	8	4	50
D4-5-d2-8-D4-50L-4T	4	5	2	8	4	50
D4-5.5-d2-8-D4-50L-4T	4	5.5	2	8	4	50
D4-6-d2-8-D4-50L-4T	4	6	2	8	4	50
D5-0.5-d2.4-10-D6-50L-4T	5	0.5	2.4	10	6	50
D5-0.6-d2.4-10-D6-50L-4T	5	0.6	2.4	10	6	50
D5-0.7-d2.4-10-D6-50L-4T	5	0.7	2.4	10	6	50
D5-0.8-d2.4-10-D6-50L-4T	5	0.8	2.4	10	6	50
D5-0.9-d2.4-10-D6-50L-4T	5	0.9	2.4	10	6	50
D5-1-d2.4-10-D6-50L-4T	5	1	2.4	10	6	50
D5-1.5-d2.4-10-D6-50L-4T	5	1.5	2.4	10	6	50
D5-2-d2.4-10-D6-50L-4T	5	2	2.4	10	6	50
D5-2.5-d2.4-10-D6-50L-4T	5	2.5	2.4	10	6	50
D5-3-d2.4-10-D6-50L-4T	5	3	2.4	10	6	50
D5-4-d2.4-10-D6-50L-4T	5	4	2.4	10	6	50
D6-0.3-d3-10-D6-50L-4T	6	0.3	3	10	6	50
D6-0.4-d3-10-D6-50L-4T	6	0.4	3	10	6	50
D6-0.5-d3-10-D6-50L-4T	6	0.5	3	10	6	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resista Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification

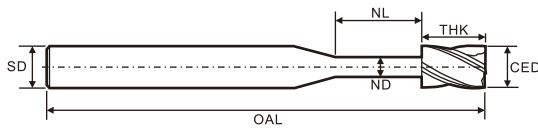


P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D6-0.6-d3-10-D6-50L-4T	6	0.6	3	10	6	50
D6-0.7-d3-10-D6-50L-4T	6	0.7	3	10	6	50
D6-0.8-d3-10-D6-50L-4T	6	0.8	3	10	6	50
D6-0.9-d3-10-D6-50L-4T	6	0.9	3	10	6	50
D6-1-d3-10-D6-50L-4T	6	1	3	10	6	50
D6-1.1-d3-10-D6-50L-4T	6	1.1	3	10	6	50
D6-1.2-d3-10-D6-50L-4T	6	1.2	3	10	6	50
D6-1.3-d3-10-D6-50L-4T	6	1.3	3	10	6	50
D6-1.4-d3-10-D6-50L-4T	6	1.4	3	10	6	50
D6-1.5-d3-10-D6-50L-4T	6	1.5	3	10	6	50
D6-1.6-d3-10-D6-50L-4T	6	1.6	3	10	6	50
D6-1.7-d3-10-D6-50L-4T	6	1.7	3	10	6	50
D6-1.8-d3-10-D6-50L-4T	6	1.8	3	10	6	50
D6-1.9-d3-10-D6-50L-4T	6	1.9	3	10	6	50
D6-2-d3-10-D6-50L-4T	6	2	3	10	6	50
D6-2.1-d3-10-D6-50L-4T	6	2.1	3	10	6	50
D6-2.2-d3-10-D6-50L-4T	6	2.2	3	10	6	50
D6-2.3-d3-10-D6-50L-4T	6	2.3	3	10	6	50
D6-2.4-d3-10-D6-50L-4T	6	2.4	3	10	6	50
D6-2.5-d3-10-D6-50L-4T	6	2.5	3	10	6	50
D6-2.6-d3-10-D6-50L-4T	6	2.6	3	10	6	50
D6-2.7-d3-10-D6-50L-4T	6	2.7	3	10	6	50
D6-2.8-d3-10-D6-50L-4T	6	2.8	3	10	6	50
D6-2.9-d3-10-D6-50L-4T	6	2.9	3	10	6	50
D6-3-d3-10-D650L-4T	6	3	3	10	6	50
D6-3.1-d3-10-D6-50L-4T	6	3.1	3	10	6	50
D6-3.2-d3-10-D6-50L-4T	6	3.2	3	10	6	50
D6-3.3-d3-10-D6-50L-4T	6	3.3	3	10	6	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D6-3.4-d3-10-D6-50L-4T	6	3.4	3	10	6	50
D6-3.5-d3-10-D6-50L-4T	6	3.5	3	10	6	50
D6-3.6-d3-10-D6-50L-4T	6	3.6	3	10	6	50
D6-3.7-d3-10-D6-50L-4T	6	3.7	3	10	6	50
D6-3.8-d3-10-D6-50L-4T	6	3.8	3	10	6	50
D6-3.9-d3-10-D6-50L-4T	6	3.9	3	10	6	50
D6-4-d3-10-D6-50L-4T	6	4	3	10	6	50
D6-4.5-d3-10-D6-50L-4T	6	4.5	3	10	6	50
D6-5-d3-10-D6-50L-4T	6	5	3	10	6	50
D6-5.5-d3-10-D6-50L-4T	6	5.5	3	10	6	50
D6-6-d3-10-D6-50L-4T	6	6	3	10	6	50
D8-0.3-d4-12-D8-50L-4T	8	0.3	4	12	8	50
D8-0.4-d4-12-D8-50L-4T	8	0.4	4	12	8	50
D8-0.5-d4-12-D8-50L-4T	8	0.5	4	12	8	50
D8-0.6-d4-12-D8-50L-4T	8	0.6	4	12	8	50
D8-0.7-d4-12-D8-50L-4T	8	0.7	4	12	8	50
D8-0.8-d4-12-D8-50L-4T	8	0.8	4	12	8	50
D8-0.9-d4-12-D8-50L-4T	8	0.9	4	12	8	50
D8-1-d4-12-D8-50L-4T	8	1	4	12	8	50
D8-1.1-d4-12-D8-50L-4T	8	1.1	4	12	8	50
D8-1.15-d4-12-D8-50L-4T	8	1.15	4	12	8	50
D8-1.2-d4-12-D8-50L-4T	8	1.2	4	12	8	50
D8-1.3-d4-12-D8-50L-4T	8	1.3	4	12	8	50
D8-1.4-d4-12-D8-50L-4T	8	1.4	4	12	8	50
D8-1.5-d4-12-D8-50L4T	8	1.5	4	12	8	50
D8-1.6-d4-12-D8-50L-4T	8	1.6	4	12	8	50
D8-1.7-d4-12-D8-50L-4T	8	1.7	4	12	8	50
D8-1.8-d4-12-D8-50L-4T	8	1.8	4	12	8	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D8-1.9-d4-12-D8-50L-4T	8	1.9	4	12	8	50
D8-2-d4-12-D8-50L-4T	8	2	4	12	8	50
D8-2.1-d4-12-D8-50L-4T	8	2.1	4	12	8	50
D8-2.2-d4-12-D8-50L-4T	8	2.2	4	12	8	50
D8-2.3-d4-12-D8-50L-4T	8	2.3	4	12	8	50
D8-2.4-d4-12-D8-50L-4T	8	2.4	4	12	8	50
D8-2.5-d4-12-D8-50L-4T	8	2.5	4	12	8	50
D8-2.6-d4-12-D8-50L-4T	8	2.6	4	12	8	50
D8-2.7-d4-12-D8-50L-4T	8	2.7	4	12	8	50
D8-2.8-d4-12-D8-50L-4T	8	2.8	4	12	8	50
D8-2.9-d4-12-D8-50L-4T	8	2.9	4	12	8	50
D8-3-d4-12-D8-50L-4T	8	3	4	12	8	50
D8-3.1-d4-12-D8-50L-4T	8	3.1	4	12	8	50
D8-3.2-d4-12-D8-50L-4T	8	3.2	4	12	8	50
D8-3.3-d4-12-D8-50L-4T	8	3.3	4	12	8	50
D8-3.4-d4-12-D8-50L-4T	8	3.4	4	12	8	50
D8-3.5-d4-12-D8-50L-4T	8	3.5	4	12	8	50
D8-3.6-d4-12-D8-50L-4T	8	3.6	4	12	8	50
D8-3.7-d4-12-D8-50L-4T	8	3.7	4	12	8	50
D8-3.8-d4-12-D8-50L-4T	8	3.8	4	12	8	50
D8-3.9-d4-12-D8-50L-4T	8	3.9	4	12	8	50
D8-4-d4-12-D8-50L-4T	8	4	4	12	8	50
D8-4.5-d4-12-D8-50L-4T	8	4.5	4	12	8	50
D8-5-d4-12-D8-50L-4T	8	5	4	12	8	50
D8-5.5-d4-12-D8-50L-4T	8	5.5	4	12	8	50
D8-6-d4-12-D8-50L-4T	8	6	4	12	8	50
D8-8-d4-12-D8-50L-4T	8	8	4	12	8	50
D10-0.3-d5-15-D10-60L-4T	10	0.3	5	15	10	60

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D10-0.4-d5-15-D10-60L-4T	10	0.4	5	15	10	60
D10-0.5-d5-15-D10-60L-4T	10	0.5	5	15	10	60
D10-0.6-d5-15-D10-60L-4T	10	0.6	5	15	10	60
D10-0.7-d5-15-D10-60L-4T	10	0.7	5	15	10	60
D10-0.8-d5-15-D10-60L-4T	10	0.8	5	15	10	60
D10-0.9-d5-15-D10-60L-4T	10	0.9	5	15	10	60
D10-1-d5-15-D10-60L-4T	10	1	5	15	10	60
D10-1.1-d5-15-D10-60L-4T	10	1.1	5	15	10	60
D10-1.2-d5-15-D10-60L-4T	10	1.2	5	15	10	60
D10-1.3-d5-15-D10-60L-4T	10	1.3	5	15	10	60
D10-1.4-d5-15-D10-60L-4T	10	1.4	5	15	10	60
D10-1.5-d5-15-D10-60L-4T	10	1.5	5	15	10	60
D10-1.6-d5-15-D10-60L-4T	10	1.6	5	15	10	60
D10-1.7-d5-15-D10-60L-4T	10	1.7	5	15	10	60
D10-1.8-d5-15-D10-60L-4T	10	1.8	5	15	10	60
D10-1.9-d5-15-D10-60L-4T	10	1.9	5	15	10	60
D10-2-d5-15-D10-60L-4T	10	2	5	15	10	60
D10-2.1-d5-15-D10-60L-4T	10	2.1	5	15	10	60
D10-2.2-d5-15-D10-60L-4T	10	2.2	5	15	10	60
D10-2.3-d5-15-D10-60L-4T	10	2.3	5	15	10	60
D10-2.4-d5-15-D10-60L-4T	10	2.4	5	15	10	60
D10-2.5-d5-15-D10-60L-4T	10	2.5	5	15	10	60
D10-2.6-d5-15-D10-60L-4T	10	2.6	5	15	10	60
D10-2.7-d5-15-D10-60L-4T	10	2.7	5	15	10	60
D10-2.8-d5-15-D10-60L-4T	10	2.8	5	15	10	60
D10-2.9-d5-15-D10-60L-4T	10	2.9	5	15	10	60
D10-3-d5-15-D10-60L-4T	10	3	5	15	10	60
D10-3.1-d5-15-D10-60L-4T	10	3.1	5	15	10	60

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D10-3.2-d5-15-D10-60L-4T	10	3.2	5	15	10	60
D10-3.3-d5-15-D10-60L-4T	10	3.3	5	15	10	60
D10-3.4-d5-15-D10-60L-4T	10	3.4	5	15	10	60
D10-3.5-d5-15-D10-60L-4T	10	3.5	5	15	10	60
D10-3.6-d5-15-D10-60L-4T	10	3.6	5	15	10	60
D10-3.7-d5-15-D10-60L-4T	10	3.7	5	15	10	60
D10-3.8-d5-15-D10-60L-4T	10	3.8	5	15	10	60
D10-3.9-d5-15-D10-60L-4T	10	3.9	5	15	10	60
D10-4-d5-15-D10-60L-4T	10	4	5	15	10	60
D10-4.5-d5-15-D10-60L-4T	10	4.5	5	15	10	60
D10-5-d5-15-D10-60L-4T	10	5	5	15	10	60
D10-5.5-d5-15-D10-60L-4T	10	5.5	5	15	10	60
D10-6-d5-15-D10-60L-4T	10	6	5	15	10	60
D10-6.5-d5-15-D10-60L-4T	10	6.5	5	15	10	60
D10-7-d5-15-D10-60L-4T	10	7	5	15	10	60
D10-7.5-d5-15-D10-60L-4T	10	7.5	5	15	10	60
D10-8-d5-15-D10-60L-4T	10	8	5	15	10	60
D10-10-d5-15-D10-60L-4T	10	10	5	15	10	60
D12-0.5-d6-15-D12-60L-4T	12	0.5	6	15	12	60
D12-0.6-d6-15-D12-60L-4T	12	0.6	6	15	12	60
D12-0.7-d6-15-D12-60L-4T	12	0.7	6	15	12	60
D12-0.8-d6-15-D12-60L-4T	12	0.8	6	15	12	60
D12-0.9-d6-15-D12-60L-4T	12	0.9	6	15	12	60
D12-1-d6-15-D12-60L-4T	12	1	6	15	12	60
D12-1.1-d6-15-D12-60L-4T	12	1.1	6	15	12	60
D12-1.15-d6-15-D12-60L-4T	12	1.15	6	15	12	60
D12-1.2-d6-15-D12-60L-4T	12	1.2	6	15	12	60
D12-1.3-d6-15-D12-60L-4T	12	1.3	6	15	12	60

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D12-1.4-d6-15-D12-60L-4T	12	1.4	6	15	12	60
D12-1.5-d6-15-D12-60L-4T	12	1.5	6	15	12	60
D12-1.6-d6-15-D12-60L-4T	12	1.6	6	15	12	60
D12-1.7-d6-15-D12-60L-4T	12	1.7	6	15	12	60
D12-1.8-d6-15-D12-60L-4T	12	1.8	6	15	12	60
D12-1.9-d6-15-D12-60L-4T	12	1.9	6	15	12	60
D12-2-d6-15-D12-60L-4T	12	2	6	15	12	60
D12-2.1-d6-15-D12-60L-4T	12	2.1	6	15	12	60
D12-2.2-d6-15-D12-60L-4T	12	2.2	6	15	12	60
D12-2.3-d6-15-D12-60L-4T	12	2.3	6	15	12	60
D12-2.4-d6-15-D12-60L-4T	12	2.4	6	15	12	60
D12-2.5-d6-15-D12-60L-4T	12	2.5	6	15	12	60
D12-2.6-d6-15-D12-60L-4T	12	2.6	6	15	12	60
D12-2.7-d6-15-D12-60L-4T	12	2.7	6	15	12	60
D12-2.8-d6-15-D12-60L-4T	12	2.8	6	15	12	60
D12-2.9-d6-15-D12-60L-4T	12	2.9	6	15	12	60
D12-3-d6-15-D12-60L-4T	12	3	6	15	12	60
D12-3.1-d6-15-D12-60L-4T	12	3.1	6	15	12	60
D12-3.2-d6-15-D12-60L-4T	12	3.2	6	15	12	60
D12-3.3-d6-15-D12-60L-4T	12	3.3	6	15	12	60
D12-3.4-d6-15-D12-60L-4T	12	3.4	6	15	12	60
D12-3.5-d6-15-D12-60L-4T	12	3.5	6	15	12	60
D12-3.6-d6-15-D12-60L-4T	12	3.6	6	15	12	60
D12-3.7-d6-15-D12-60L-4T	12	3.7	6	15	12	60
D12-3.8-d6-15-D12-60L-4T	12	3.8	6	15	12	60
D12-3.9-d6-15-D12-60L-4T	12	3.9	6	15	12	60
D12-4-d6-15-D12-60L-4T	12	4	6	15	12	60
D12-4.5-d6-15-D12-60L-4T	12	4.5	6	15	12	60

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554T Carbide T Type Endmill for Aluminum(4F)

Carbide T Type Endmill for Aluminum(4F)



Technical Specification

MG Carbide

HRC55

Uncoated





P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D12-5-d6-15-D12-60L-4T	12	5	6	15	12	60
D12-5.5-d6-15-D12-60L-4T	12	5.5	6	15	12	60
D12-6-d6-15-D12-60L-4T	12	6	6	15	12	60
D12-6.5-d6-15-D12-60L-4T	12	6.5	6	15	12	60
D12-7-d6-15-D12-60L-4T	12	7	6	15	12	60
D12-7.5-d6-15-D12-60L-4T	12	7.5	6	15	12	60
D12-8-d6-15-D12-60L-4T	12	8	6	15	12	60
D12-10-d6-15-D12-60L-4T	12	10	6	15	12	60
D12-12-d6-15-D12-60L-4T	12	12	6	15	12	60
D14-1-d6-20-D14-75L-4T	14	1	6	20	14	75
D14-1.5-d6-20-D14-75L-4T	14	1.5	6	20	14	75
D14-2-d6-20-D14-75L-4T	14	2	6	20	14	75
D14-2.5-d6-20-D14-75L-4T	14	2.5	6	20	14	75
D14-3-d6-20-D14-75L-4T	14	3	6	20	14	75
D14-3.5-d6-20-D14-75L-4T	14	3.5	6	20	14	75
D14-4-d6-20-D14-75L-4T	14	4	6	20	14	75
D14-4.5-d6-20-D14-75L-4T	14	4.5	6	20	14	75
D14-5-d6-20-D14-75L-4T	14	5	6	20	14	75
D14-6-d6-20-D14-75L-4T	14	6	6	20	14	75
D14-7-d6-20-D14-75L-4T	14	7	6	20	14	75
D14-8-d6-20-D14-75L-4T	14	8	6	20	14	75
D14-10-d6-20-D14-75L-4T	14	10	6	20	14	75
D14-12-d6-20-D14-75L-4T	14	12	6	20	14	75

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA554T Carbide T Type Endmill for Aluminum(4F)




Technical Specification

MG Carbide

HRC55

Uncoated





P	H	M	K	N	S
				●	

Specification	CED	THK	ND	NL	SD	OAL
D16-1-d7-20-D16-75L-4T	16	1	7	20	16	75
D16-1.5-d7-20-D16-75L-4T	16	1.5	7	20	16	75
D16-2-d7-20-D16-75L-4T	16	2	7	20	16	75
D16-2.5-d7-20-D16-75L-4T	16	2.5	7	20	16	75
D16-3-d7-20-D16-75L-4T	16	3	7	20	16	75
D16-3.5-d7-20-D16-75L-4T	16	3.5	7	20	16	75
D16-4-d7-20-D16-75L-4T	16	4	7	20	16	75
D16-4.5-d7-20-D16-75L-4T	16	4.5	7	20	16	75
D16-5-d7-20-D16-75L-4T	16	5	7	20	16	75
D16-6-d7-20-D16-75L-4T	16	6	7	20	16	75
D16-7-d7-20-D16-75L-4T	16	7	7	20	16	75
D16-8-d7-20-D16-75L-4T	16	8	7	20	16	75
D16-10-d7-20-D16-75L-4T	16	10	7	20	16	75
D16-12-d7-20-D16-75L-4T	16	12	7	20	16	75

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA554DT Carbide Dovetail Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	Unilateral angle	CEL	ND	LN	SD	OAL
D3-30A-d1.5-5-D4-50L-4T	3	30°	0.43	1.5	5	4	50
D4-30A-d2-6-D4-50L-4T	4	30°	0.58	2	6	4	50
D5-30A-d2.5-8-D6-50L-4T	5	30°	0.72	2.5	8	6	50
D6-30A-d3-8-D6-50L-4T	6	30°	0.87	3	8	6	50
D8-30A-d4-D10-D8-50L-4T	8	30°	1.15	4	10	8	50
D10-30A-d5-15-D10-60L-4T	10	30°	1.44	5	15	10	60
D12-30A-d6-15-D12-60L-4T	12	30°	1.73	6	15	12	60
D1-60A-d0.5-2.5-D4-50L-4T	1	60°	0.43	0.5	2.5	4	50
D1.5-60A-d0.75-3.2-D4-50L-4T	1.5	60°	0.65	0.75	3.2	4	50
D2-60A-d1-4-D4-50L-4T	2	60°	0.87	1	4	4	50
D2.5-60A-d1.25-5-D4-50L-4T	2.5	60°	1.1	1.25	5	4	50
D3-60A-d1.5-7-D4-50L-4T	3	60°	1.3	1.5	7	4	50
D4-60A-d2-8-D4-50L-4T	4	60°	1.73	2	8	4	50
D5-60A-d2.5-10-D6-50L-4T	5	60°	2.17	2.5	10	6	50
D6-60A-d3-11-D6-50L-4T	6	60°	2.6	3	11	6	50
D8-60A-d4-14-D8-50L-4T	8	60°	3.46	4	14	8	50
D10-60A-d5-20-D10-60L-4T	10	60°	4.33	5	20	10	60
D12-60A-d6-26-D12-60L-4T	12	60°	5.2	6	21	12	60
D14-60A-d7-26-D14-80L-4T	14	60°	6.06	7	26	14	80
D16-60A-d8-27-D16-80L-4T	16	60°	6.93	8	27	16	80

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554DT Carbide Dovetail Endmill for Aluminum(4F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	Unilateral angle	CEL	ND	LN	SD	OAL
D0.8-45A-d0.4-2-D4-50L-4T	0.8	45°	0.2	0.4	2	4	50
D0.9-45A-d0.4-2-D4-50L-4T	0.9	45°	0.25	0.4	2	4	50
D1-45A-d0.5-2.5-D4-50L-4T	1	45°	0.25	0.5	2.5	4	50
D1.1-45A-d0.6-2.5-D4-50L-4T	1.1	45°	0.25	0.6	2.5	4	50
D1.2-45A-d0.6-2.5-D4-50L-4T	1.2	45°	0.3	0.6	2.5	4	50
D1.3-45A-d0.6-2.5-D4-50L-4T	1.3	45°	0.35	0.6	2.5	4	50
D1.4-45A-d0.6-2.5-D4-50L-4T	1.4	45°	0.4	0.6	2.5	4	50
D1.5-45A-d0.75-2.8-D4-50L-4T	1.5	45°	0.38	0.75	2.8	4	50
D1.6-45A-d0.7-3-D4-50L-4T	1.6	45°	0.45	0.7	3	4	50
D1.7-45A-d0.7-3-D4-50L-4T	1.7	45°	0.5	0.7	3	4	50
D1.8-45A-d0.7-3-D4-50L-4T	1.8	45°	0.55	0.7	3	4	50
D1.9-45A-d0.7-3-D4-50L-4T	1.9	45°	0.6	0.7	3	4	50
D2-45A-d1-3.5-D4-50L-4T	2	45°	0.5	1	3.5	4	50
D2.1-45A-d1-4-D4-50L-4T	2.1	45°	0.55	1	4	4	50
D2.2-45A-d1-4-D4-50L-4T	2.2	45°	1.6	1	4	4	50
D2.3-45A-d1-4-D4-50L-4T	2.3	45°	0.65	1	4	4	50
D2.4-45A-d1-4-D4-50L-4T	2.4	45°	0.7	1	4	4	50
D2.5-45A-d1.25-4-D4-50L-4T	2.5	45°	0.63	1.25	4	4	50
D2.6-45A-d1.2-5-D4-50L-4T	2.6	45°	0.7	1.2	5	4	50
D2.7-45A-d1.2-5-D4-50L-4T	2.7	45°	0.75	1.2	5	4	50
D2.8-45A-d1.2-5-D4-50L-4T	2.8	45°	0.8	1.2	5	4	50
D2.9-45A-d1.2-5-D4-50L-4T	2.9	45°	0.85	1.2	5	4	50

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA554DT Carbide Dovetail Endmill for Aluminum(4F)



Technical Specification



Specification	CED	Unilateral angle	CEL	ND	LN	SD	OAL
D3-45A-d1.5-6-D4-50L-4T	3	45°	0.75	1.5	6	4	50
D3.1-45A-d1.5-6-D4-50L-4T	3.1	45°	0.8	1.5	6	4	50
D3.2-45A-d1.5-6-D4-50L-4T	3.2	45°	0.85	1.5	6	4	50
D3.3-45A-d1.5-6-D4-50L-4T	3.3	45°	0.9	1.5	6	4	50
D3.4-45A-d1.5-6-D4-50L-4T	3.4	45°	0.95	1.5	6	4	50
D3.5-45A-d1.5-6-D4-50L-4T	3.5	45°	1	1.5	6	4	50
D3.6-45A-d1.5-6-D4-50L-4T	3.6	45°	1.05	1.5	6	4	50
D3.7-45A-d1.5-6-D4-50L-4T	3.7	45°	1.1	1.5	6	4	50
D3.8-45A-d1.56-D4-50L-4T	3.8	45°	1.15	1.5	6	4	50
D3.9-45A-d1.5-6-D4-50L-4T	3.9	45°	1.2	1.5	6	4	50
D4-45A-d2-7-D4-50L-4T	4	45°	1	2	7	4	50
D5-45A-d2.5-9-D6-50L-4T	5	45°	1.25	2.5	9	6	50
D6-45A-d3-9.5-D6-50L-4T	6	45°	1.5	3	9.5	6	50
D8-45A-d4-12-D8-50L-4T	8	45°	2	4	12	8	50
D10-45A-d5-17.5-D10-60L-4T	10	45°	2.5	5	17.5	10	60
D12-45A-d6-18-D12-60L-4T	12	45°	3	6	18	12	60
D14-45A-d7-23.5-D14-80L-4T	14	45°	3.5	7	23.5	14	80
D16-45A-d8-24-D16-80L-4T	16	45°	4	8	24	16	80

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA554IR Carbide Inner R Endmill for Aluminum(4F)



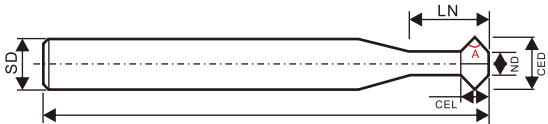
Technical Specification



Specification	R	CED	SD	OAL	F
R0.2-D3.6-D4-50L-4T	R0.2	3.6	4	50	4
R0.25-D3.5-D4-50L-4T	R0.25	3.5	4	50	4
R0.3-D3.4-D4-50L-4T	R0.3	3.4	4	50	4
R0.4-D3.2-D4-50L-4T	R0.4	3.2	4	50	4
R0.5-D3-D4-50L-4T	R0.5	3	4	50	4
R0.6-D2.8-D4-50L-4T	R0.6	2.8	4	50	4
R0.7-D2.6-D4-50L-4T	R0.7	2.6	4	50	4
R0.75-D2.5-D4-50L-4T	R0.75	2.5	4	50	4
R0.8-D2.4-D4-50L-4T	R0.8	2.4	4	50	4
R1-D2-D4-50L-4T	R1	2	4	50	4
R1.25-D1.5-D4-50L-4T	R1.25	1.5	4	50	4
R1.5-D1-D4-50L-4T	R1.5	1	4	50	4
R1.75-D0.5-D4-50L-4T	R1.75	0.5	4	50	4
R1.5-D3-D6-50L-4T	R1.5	3	6	50	4
R1.75-D2.5-D6-50L-4T	R1.75	2.5	6	50	4
R2-D2-D6-50L-4T	R2	2	6	50	4
R2.5-D1-D6-50L-4T	R2.5	1	6	50	4
R2.25-D3.5-D8-50L-4T	R2.25	3.5	8	50	4
R2.5-D3-D8-50L-4T	R2.5	3	8	50	4
R3-D2-D8-50L-4T	R3	2	8	50	4
R3.25-D1.5-D8-50L-4T	R3.25	1.5	8	50	4
R3.5-D1-D8-50L-4T	R3.5	1	8	50	4
R3.75-D2.5-D10-60L-4T	R3.75	2.5	10	60	4
R4-D2-D10-60L-4T	R4	2	10	60	4
R4.5-D3-D12-60L-4T	R4.5	3	12	60	4
R5-D2-D12-60L-4T	R5	2	12	60	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA554C Upper and Lower Chamfer Endmills



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	A	CEL	ND	LN	SD	OAL
D2-60A-0.64-d0.9-2.5-D4-50L-4T	2	60°	0.64	0.9	2.5	4	50
D3-60A-0.92-d1.4-3.5-D4-50L-4T	3	60°	0.92	1.4	3.5	4	50
D4-60A-1.24-d1.85-4-D4-50L-4T	4	60°	1.24	1.85	4	4	50
D5-60A-1.56-d2.3-5-D6-50L-4T	5	60°	1.56	2.3	5	6	50
D6-60A-1.9-d2.7-6-D6-50L-4T	6	60°	1.9	2.7	6	6	50
D8-60A-2.54-d3.6-8-D8-60L-4T	8	60°	2.54	3.6	8	8	60
D10-60A-3.18-d4.5-10-D10-75L-4T	10	60°	3.18	4.5	10	10	75
D12-60A-3.81-d5.4-11-D12-75L-4T	12	60°	3.81	5.4	11	12	75
D2-90A-1.1-d0.9-3-D4-50L-4T	2	90°	1.1	0.9	3	4	50
D3-90A-1.6-d1.4-4-D4-50L-4T	3	90°	1.6	1.4	4	4	50
D4-90A-2.15-d1.85-5-D4-50L-4T	4	90°	2.15	1.85	5	4	50
D5-90A-2.7-d2.3-6-D6-50L-4T	5	90°	2.7	2.3	6	6	50
D6-90A-3.3-d2.7-7-D6-50L-4T	6	90°	3.3	2.7	7	6	50
D8-90A-4.4-d3.6-10-D8-60L-4T	8	90°	4.4	3.6	10	8	60
D10-90A-5.5-d4.5-12-D10-75L-4T	10	90°	5.5	4.5	12	10	75
D12-90A-6.6-d5.4-14-D12-75L-4T	12	90°	6.6	5.4	14	12	75
D2-120A-1.9-d0.9-4-D4-50L-4T	2	120°	1.9	0.9	4	4	50
D3-120A-2.77-d1.4-5-D4-50L-4T	3	120°	2.77	1.4	5	4	50
D4-120A-3.72-d1.85-7-D4-50L-4T	4	120°	3.72	1.85	7	4	50
D5-120A-4.67-d2.3-8-D6-50L-4T	5	120°	4.67	2.3	8	6	50
D6-120A-5.71-d2.7-10-D6-50L-4T	6	120°	5.71	2.7	10	6	50
D8-120A-7.62-d3.6-13-D8-60L-4T	8	120°	7.62	3.6	13	8	60
D10-120A-9.53-d4.5-16-D10-75L-4T	10	120°	9.53	4.5	16	10	75
D12-120A-11.43-d5.4-19-D12-75L-4T	12	120°	11.43	5.4	19	12	75

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552L Lollipop Endmill for Aluminum(2F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	R	CED	CEL	SD	OAL	F
R0.5-d0.5-3H-D4-50L-2T	R0.5	0.5	3	4	50	2
R0.75-d0.75-4H-D4-50L-2T	R0.75	0.75	4	4	50	2
R1-d1-4H-D4-50L-2T	R1	1	4	4	50	2
R1.5-d1.5-4H-D4-50L-2T	R1.5	1.5	4	4	50	2
R2-d2-8H-D4-50L-2T	R2	2	8	4	50	2
R3-d3-10H-D6-50L-2T	R3	3	10	6	50	2
R4-d4-12H-D8-50L-2T	R4	4	12	8	50	2
R5-d5-15H-D10-60L-2T	R5	5	15	10	60	2
R6-d6-15H-D12-60L-2T	R6	6	15	12	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552B Ball Nose Endmill for Aluminum(2F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
R0.5-2-D4-50L-2T	R0.5	2	4	50	2
R0.5-2-D4-75L-2T	R0.5	2	4	75	2
R0.5-2-D4-100L-2T	R0.5	2	4	100	2
R0.75-3-D4-50L-2T	R0.75	3	4	50	2
R0.75-3-D4-75L-2T	R0.75	3	4	75	2
R0.75-3-D4-100L-2T	R0.75	3	4	100	2
R1-4-D4-50L-2T	R1	4	4	50	2
R1-4-D4-75L-2T	R1	4	4	75	2
R1-4-D4-100L-2T	R1	4	4	100	2
R1.5-6-D3-50L-2T	R1.5	6	3	50	2
R1.5-6-D4-50L-2T	R1.5	6	4	50	2
R1.5-6-D3-75L-2T	R1.5	6	3	75	2
R1.5-6-D3-100L-2T	R1.5	6	3	100	2
R1.5-6-D4-75L-2T	R1.5	6	4	75	2
R1.5-6-D4-100L-2T	R1.5	6	4	100	2
R2-8-D4-50L-2T	R2	8	4	50	2
R2-8-D4-75L-2T	R2	8	4	75	2
R2-8-D4-100L-2T	R2	8	4	100	2
R2.5-12-D6-75L-2T	R2.5	12	6	75	2
R2.5-12-D6-100L-2T	R2.5	12	6	100	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA552B Ball Nose Endmill for Aluminum(2F)



Technical Specification

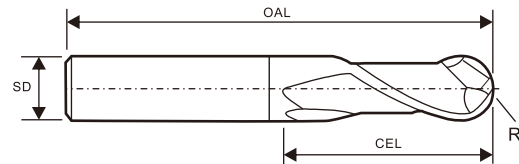


P	H	M	K	N	S
				●	

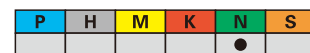
Specification	CED	CEL	SD	OAL	F
R3-12-D6-50L-2T	R3	12	6	50	2
R3-12-D6-75L-2T	R3	12	6	75	2
R3-12-D6-100L-2T	R3	12	6	100	2
R3-12-D6-150L-2T	R3	12	6	150	2
R4-16-D8-60L-2T	R4	16	8	60	2
R4-16-D8-75L-2T	R4	16	8	75	2
R4-16-D8-100L-2T	R4	16	8	100	2
R4-16-D8-150L-2T	R4	16	8	150	2
R5-20-D10-75L-2T	R5	20	10	75	2
R5-20-D10-100L-2T	R5	20	10	100	2
R5-20-D10-150L-2T	R5	20	10	150	2
R6-24-D12-75L-2T	R6	24	12	75	2
R6-24-D12-100L-2T	R6	24	12	100	2
R6-24-D12-150L-2T	R6	24	12	150	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
													●	●			

YA-DLC2B DLC Coating Ball Nose Endmill for Aluminum (2F)



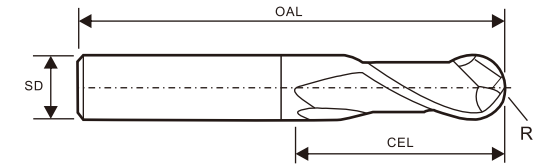
Technical Specification



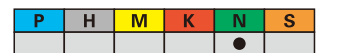
Specification	CED	CEL	SD	OAL	F
R0.5-2-D4-50L-2T	R0.5	2	4	50	2
R0.5-2-D4-75L-2T	R0.5	2	4	75	2
R0.5-2-D4-100L-2T	R0.5	2	4	100	2
R0.75-3-D4-50L-2T	R0.75	3	4	50	2
R0.75-3-D4-75L-2T	R0.75	3	4	75	2
R0.75-3-D4-100L-2T	R0.75	3	4	100	2
R1-4-D4-50L-2T	R1	4	4	50	2
R1-4-D4-75L-2T	R1	4	4	75	2
R1-4-D4-100L-2T	R1	4	4	100	2
R1.5-6-D3-50L-2T	R1.5	6	3	50	2
R1.5-6-D4-50L-2T	R1.5	6	4	50	2
R1.5-6-D3-75L-2T	R1.5	6	3	75	2
R1.5-6-D3-100L-2T	R1.5	6	3	100	2
R1.5-6-D4-75L-2T	R1.5	6	4	75	2
R1.5-6-D4-100L-2T	R1.5	6	4	100	2
R2-8-D4-50L-2T	R2	8	4	50	2
R2-8-D4-75L-2T	R2	8	4	75	2
R2-8-D4-100L-2T	R2	8	4	100	2
R2.5-12-D6-75L-2T	R2.5	12	6	75	2
R2.5-12-D6-100L-2T	R2.5	12	6	100	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC2B DLC Coating Ball Nose Endmill for Aluminum (2F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
R3-12-D6-50L-2T	R3	12	6	50	2
R3-12-D6-75L-2T	R3	12	6	75	2
R3-12-D6-100L-2T	R3	12	6	100	2
R3-12-D6-150L-2T	R3	12	6	150	2
R4-16-D8-60L-2T	R4	16	8	60	2
R4-16-D8-75L-2T	R4	16	8	75	2
R4-16-D8-100L-2T	R4	16	8	100	2
R4-16-D8-150L-2T	R4	16	8	150	2
R5-20-D10-75L-2T	R5	20	10	75	2
R5-20-D10-100L-2T	R5	20	10	100	2
R5-20-D10-150L-2T	R5	20	10	150	2
R6-24-D12-75L-2T	R6	24	12	75	2
R6-24-D12-100L-2T	R6	24	12	100	2
R6-24-D12-150L-2T	R6	24	12	150	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YP552L Carbide Lollipop Endmill (2F)



Technical Specification

MG Carbide

HRC55

AlTiSiN

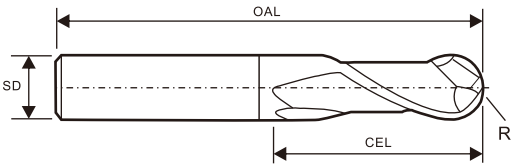




P	H	M	K	N	S
●	●		●		

Specification	R	CED	CEL	SD	OAL	F
R0.5-d0.5-3H-D4-50L-2T	R0.5	0.5	3	4	50	2
R0.75-d0.75-4H-D4-50L-2T	R0.75	0.75	4	4	50	2
R1-d1-4H-D4-50L-2T	R1	1	4	4	50	2
R1.5-d1.5-4H-D4-50L-2T	R1.5	1.5	4	4	50	2
R2-d2-8H-D4-50L-2T	R2	2	8	4	50	2
R3-d3-10H-D6-50L-2T	R3	3	10	6	50	2
R4-d4-12H-D8-50L-2T	R4	4	12	8	50	2
R5-d5-15H-D10-60L-2T	R5	5	15	10	60	2
R6-d6-15H-D12-60L-2T	R6	6	15	12	60	2

YP552B Carbide Ball Nose Endmills (2F)



Technical Specification

MG Carbide

HRC55

AlTiN





P	H	M	K	N	S
●	●		●		

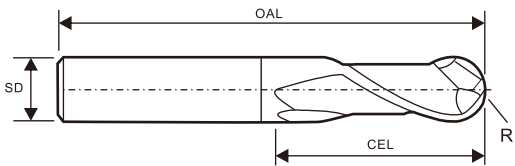
Specification	CED	CEL	SD	OAL	F
R0.5-2-D4-50L-2T	R0.5	2	4	50	2
R0.5-2-D4-75L-2T	R0.5	2	4	75	2
R0.5-2-D4-100L-2T	R0.5	2	4	100	2
R0.75-3-D4-50L-2T	R0.75	3	4	50	2
R0.75-3-D4-75L-2T	R0.75	3	4	75	2
R0.75-3-D4-100L-2T	R0.75	3	4	100	2
R1-4-D4-50L-2T	R1	4	4	50	2
R1-4-D4-75L-2T	R1	4	4	75	2
R1-4-D4-100L-2T	R1	4	4	100	2
R1.5-6-D3-50L-2T	R1.5	6	3	50	2
R1.5-6-D4-50L-2T	R1.5	6	4	50	2
R1.5-6-D3-75L-2T	R1.5	6	3	75	2
R1.5-6-D3-100L-2T	R1.5	6	3	100	2
R1.5-6-D4-75L-2T	R1.5	6	4	75	2
R1.5-6-D4-100L-2T	R1.5	6	4	100	2
R2-8-D4-50L-2T	R2	8	4	50	2
R2-8-D4-75L-2T	R2	8	4	75	2
R2-8-D4-100L-2T	R2	8	4	100	2
R2.5-12-D6-75L-2T	R2.5	12	6	75	2
R2.5-12-D6-100L-2T	R2.5	12	6	100	2

Application table of the material to be cut (Most Applicable● / ○Applicable)													
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu
●	●	●	●	●	●	○		○	●	●	●	●	

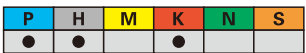
Application table of the material to be cut (Most Applicable● / ○Applicable)													
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu
●	●	●	●	●	●	○		○	●	●	●	●	



YP552B Carbide Ball Nose Endmills (2F)



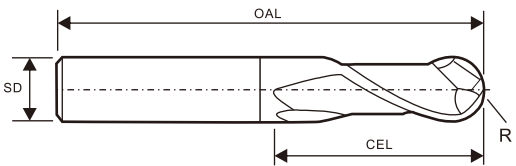
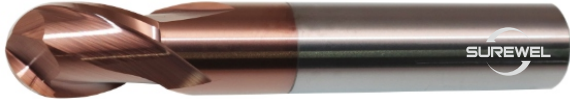
Technical Specification



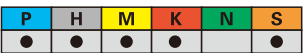
Specification	CED	CEL	SD	OAL	F
R3-12-D6-50L-2T	R3	12	6	50	2
R3-12-D6-75L-2T	R3	12	6	75	2
R3-12-D6-100L-2T	R3	12	6	100	2
R3-12-D6-150L-2T	R3	12	6	150	2
R4-16-D8-60L-2T	R4	16	8	60	2
R4-16-D8-75L-2T	R4	16	8	75	2
R4-16-D8-100L-2T	R4	16	8	100	2
R4-16-D8-150L-2T	R4	16	8	150	2
R5-20-D10-75L-2T	R5	20	10	75	2
R5-20-D10-100L-2T	R5	20	10	100	2
R5-20-D10-150L-2T	R5	20	10	150	2
R6-24-D12-75L-2T	R6	24	12	75	2
R6-24-D12-100L-2T	R6	24	12	100	2
R6-24-D12-150L-2T	R6	24	12	150	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	○	●	●	●	●	●	●	●

YH632B Hardened Material Ball Nose Endmills (2F)



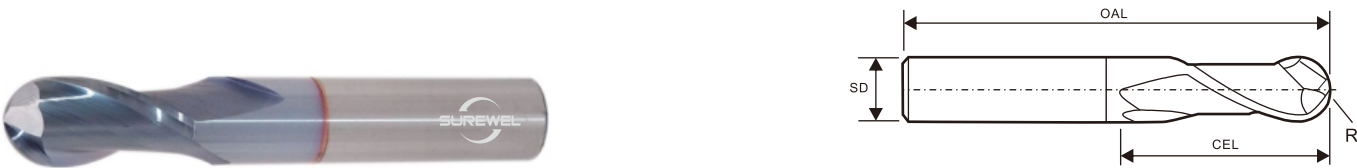
Technical Specification



Specifications	CED	CEL	SD	OAL	F
R0.5-2-D4-50L-2T	R0.5	2	4	50	2
R0.75-3-D4-50L-2T	R0.75	3	4	50	2
R1-4-D4-50L-2T	R1	4	4	50	2
R1.5-6-D3-50L-2T	R1.5	6	3	50	2
R1.5-6-D4-50L-2T	R1.5	6	4	50	2
R2-8-D4-50L-2T	R2	8	4	50	2
R2-8-D4-75L-2T	R2	8	4	75	2
R2-8-D4-100L-2T	R2	8	4	100	2
R3-12-D6-50L-2T	R3	12	6	50	2
R3-12-D6-75L-2T	R3	12	6	75	2
R3-12-D6-100L-2T	R3	12	6	100	2
R4-16-D8-60L-2T	R4	16	8	60	2
R4-16-D8-75L-2T	R4	16	8	75	2
R4-16-D8-100L-2T	R4	16	8	100	2
R4-16-D8-150L-2T	R4	16	8	150	2
R5-20-D10-75L-2T	R5	20	10	75	2
R5-20-D10-100L-2T	R5	20	10	100	2
R5-20-D10-150L-2T	R5	20	10	150	2
R6-24-D12-75L-2T	R6	24	12	75	2
R6-24-D12-100L-2T	R6	24	12	100	2
R6-24-D12-150L-2T	R6	24	12	150	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZ802B High Efficiency Ball Nose Endmills (2F)



Technical Specification



Specifications	CED	CEL	SD	OAL	F
R0.5-1.5H-D4-2T-50L	R0.5	1.5	4	50	2
R0.75-2.5H-D4-2T-50L	R0.75	2.5	4	50	2
R1.0-3H-D4-2T-50L	R1	3	4	50	2
R1.5-4.5H-D3-2T-50L	R1.5	4.5	3	50	2
R1.5-4.5H-D4-2T-50L	R1.5	4.5	4	50	2
R2.0-6H-D4-2T-50L	R2	6	4	50	2
R2.0-6H-D4-2T-75L	R2	6	4	75	2
R2.0-6H-D4-2T-100L	R2	6	4	100	2
R2.5-7.5H-D6-2T-50L	R2.5	7.5	6	50	2
R3.0-9H-D6-2T-50L	R3	9	6	50	2
R3.0-9H-D6-2T-75L	R3	9	6	75	2
R3.0-9H-D6-2T-100L	R3	9	6	100	2
R4.0-12H-D8-2T-60L	R4	12	8	60	2
R4.0-12H-D8-2T-75L	R4	12	8	75	2
R4.0-12H-D8-2T-100L	R4	12	8	100	2
R5.0-15H-D10-2T-75L	R5	15	10	75	2
R5.0-15H-D10-2T-100L	R5	15	10	100	2
R5.0-15H-D10-2T-150L	R5	15	10	150	2
R6.0-18H-D12-2T-75L	R6	18	12	75	2
R6.0-18H-D12-2T-100L	R6	18	12	100	2
R6.0-18H-D12-2T-150L	R6	18	12	150	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	○	○	○	○	●	○						

YA552M Micro Diameter Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D0.2-0.4-D4-50L-2T	0.2	0.4	4	50	2
D0.21-0.42-D4-50L-2T	0.21	0.42	4	50	2
D0.22-0.44-D4-50L-2T	0.22	0.44	4	50	2
D0.23-0.46-D4-50L-2T	0.23	0.46	4	50	2
D0.24-0.48-D4-50L-2T	0.24	0.48	4	50	2
D0.25-0.5-D4-50L-2T	0.25	0.5	4	50	2
D0.26-0.52-D4-50L-2T	0.26	0.52	4	50	2
D0.27-0.54-D4-50L-2T	0.27	0.54	4	50	2
D0.28-0.56-D4-50L-2T	0.28	0.56	4	50	2
D0.29-0.58-D4-50L-2T	0.29	0.58	4	50	2
D0.3-0.6-D4-50L-2T	0.3	0.6	4	50	2
D0.31-0.62-D4-50L-2T	0.31	0.62	4	50	2
D0.32-0.64-D4-50L-2T	0.32	0.64	4	50	2
D0.33-0.66-D4-50L-2T	0.33	0.66	4	50	2
D0.34-0.68-D4-50L-2T	0.34	0.68	4	50	2
D0.35-0.7-D4-50L-2T	0.35	0.7	4	50	2
D0.36-0.72-D4-50L-2T	0.36	0.72	4	50	2
D0.37-0.74-D4-50L-2T	0.37	0.74	4	50	2
D0.38-0.76-D4-50L-2T	0.38	0.76	4	50	2
D0.39-0.78-D4-50L-2T	0.39	0.78	4	50	2
D0.4-0.8-D4-50L-2T	0.4	0.8	4	50	2
D0.41-0.82-D4-50L-2T	0.41	0.82	4	50	2
D0.42-0.84-D4-50L-2T	0.42	0.84	4	50	2
D0.43-0.86-D4-50L-2T	0.43	0.86	4	50	2
D0.44-0.88-D4-50L-2T	0.44	0.88	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552M Micro Diameter Endmills for Aluminum (2F)



Technical Specification

MG Carbide

HRC55

Uncoated





P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D0.45-0.9-D4-50L-2T	0.45	0.9	4	50	2
D0.46-0.92-D4-50L-2T	0.46	0.92	4	50	2
D0.47-0.94-D4-50L-2T	0.47	0.94	4	50	2
D0.48-0.96-D4-50L-2T	0.48	0.96	4	50	2
D0.49-0.98-D4-50L-2T	0.49	0.98	4	50	2
D0.5-1-D4-50L-2T	0.5	1	4	50	2
D0.51-1.02-D4-50L-2T	0.51	1.02	4	50	2
D0.52-1.04-D4-50L-2T	0.52	1.04	4	50	2
D0.53-1.06-D4-50L-2T	0.53	1.06	4	50	2
D0.54-1.08-D4-50L-2T	0.54	1.08	4	50	2
D0.55-1.1--D4-50L-2T	0.55	1.1	4	50	2
D0.56-1.12-D4-50L-2T	0.56	1.12	4	50	2
D0.57-1.14-D4-50L-2T	0.57	1.14	4	50	2
D0.58-1.16-D4-50L-2T	0.58	1.16	4	50	2
D0.59-1.18-D4-50L-2T	0.59	1.18	4	50	2
D0.6-1.2-D4-50L-2T	0.6	1.2	4	50	2
D0.61-1.22-D4-50L-2T	0.61	1.22	4	50	2
D0.62-1.24-D4-50L-2T	0.62	1.24	4	50	2
D0.63-1.26-D4-50L-2T	0.63	1.26	4	50	2
D0.64-1.28-D4-50L-2T	0.64	1.28	4	50	2
D0.65-1.3-D4-50L-2T	0.65	1.3	4	50	2
D0.66-1.32-D4-50L-2T	0.66	1.32	4	50	2
D0.67-1.34-D4-50L-2T	0.67	1.34	4	50	2
D0.68-1.36-D4-50L-2T	0.68	1.36	4	50	2
D0.69-1.38-D4-50L-2T	0.69	1.38	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552M Micro Diameter Endmills for Aluminum (2F)



Technical Specification

MG Carbide

HRC55

Uncoated



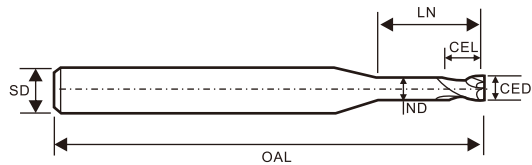


P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D0.7-1.4-D4-50L-2T	0.7	1.4	4	50	2
D0.71-1.42-D4-50L-2T	0.71	1.42	4	50	2
D0.72-1.44-D4-50L-2T	0.72	1.44	4	50	2
D0.73-1.46-D4-50L-2T	0.73	1.46	4	50	2
D0.74-1.48-D4-50L-2T	0.74	1.48	4	50	2
D0.75-1-D4-50L-2T	0.75	1	4	50	2
D0.75-1.5-D4-50L-2T	0.75	1.5	4	50	2
D0.76-1.52-D4-50L-2T	0.76	1.52	4	50	2
D0.77-1.54-D4-50L-2T	0.77	1.54	4	50	2
D0.78-1.56-D4-50L-2T	0.78	1.56	4	50	2
D0.79-1.58-D4-50L-2T	0.79	1.58	4	50	2
D0.8-1.6-D4-50L-2T	0.8	1.6	4	50	2
D0.81-1.62-D4-50L-2T	0.81	1.62	4	50	2
D0.82-1.64-D4-50L-2T	0.82	1.64	4	50	2
D0.83-1.66-D4-50L-2T	0.83	1.66	4	50	2
D0.84-1.68-D4-50L-2T	0.84	1.68	4	50	2
D0.85-1.7-D4-50L-2T	0.85	1.7	4	50	2
D0.86-1.72-D4-50L-2T	0.86	1.72	4	50	2
D0.87-1.74-D4-50L-2T	0.87	1.74	4	50	2
D0.88-1.76-D4-50L-2T	0.88	1.76	4	50	2
D0.89-1.78-D4-50L-2T	0.89	1.78	4	50	2
D0.9-1.8-D4-50L-2T	0.9	1.8	4	50	2
D0.95-1.9-D4-50L-2T	0.95	1.9	4	50	2
D0.96-1.92-D4-50L-2T	0.96	1.92	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



Technical Specification

MG Carbide

HRC55

Uncoated



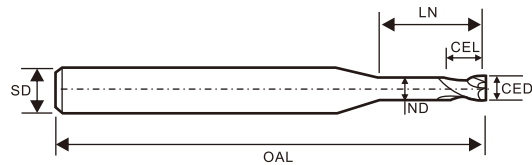


P	H	M	K	N	S
				●	

Specification	CED	CEL	LN	ND	SD	OAL	F
D0.2-1-D4-50L-2T	0.2	0.4	1	0.175	4	50	2
D0.2-1.5-D4-50L-2T	0.2	0.4	1.5	0.175	4	50	2
D0.2-2-D4-50L-2T	0.2	0.4	2	0.175	4	50	2
D0.2-2.5-D4-50L-2T	0.2	0.4	2.5	0.175	4	50	2
D0.2-3-D4-50L-2T	0.2	0.4	3	0.175	4	50	2
D0.3-1-D4-50L-2T	0.3	0.6	1	0.275	4	50	2
D0.3-1.5-D4-50L-2T	0.3	0.6	1.5	0.275	4	50	2
D0.3-2-D4-50L-2T	0.3	0.6	2	0.275	4	50	2
D0.3-2.5-D4-50L-2T	0.3	0.6	2.5	0.275	4	50	2
D0.3-3-D4-50L-2T	0.3	0.6	3	0.275	4	50	2
D0.3-3.5-D4-50L-2T	0.3	0.6	3.5	0.275	4	50	2
D0.3-4-D4-50L-2T	0.3	0.6	4	0.275	4	50	2
D0.3-4.5-D4-50L-2T	0.3	0.6	4.5	0.275	4	50	2
D0.3-5-D4-50L-2T	0.3	0.6	5	0.275	4	50	2
D0.3-5.5-D4-50L-2T	0.3	0.6	5.5	0.275	4	50	2
D0.3-6-D4-50L-2T	0.3	0.6	6	0.275	4	50	2
D0.4-1.5-D4-50L-2T	0.4	0.8	1.5	0.375	4	50	2
D0.4-2-D4-50L-2T	0.4	0.8	2	0.375	4	50	2
D0.4-2.5-D4-50L-2T	0.4	0.8	2.5	0.375	4	50	2
D0.4-3-D4-50L-2T	0.4	0.8	3	0.375	4	50	2
D0.4-3.5-D4-50L-2T	0.4	0.8	3.5	0.375	4	50	2
D0.4-4-D4-50L-2T	0.4	0.8	4	0.375	4	50	2
D0.4-4.5-D4-50L-2T	0.4	0.8	4.5	0.375	4	50	2
D0.4-5-D4-50L-2T	0.4	0.8	5	0.375	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



Technical Specification

MG Carbide

HRC55

Uncoated



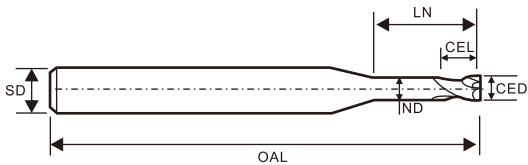


P	H	M	K	N	S
				●	

Specification	CED	CEL	LN	ND	SD	OAL	F
D0.4-6-D4-50L-2T	0.4	0.8	5.5	0.375	4	50	2
D0.4-6-D4-50L-2T	0.4	0.8	6	0.375	4	50	2
D0.5-1.5-D4-50L-2T	0.5	1	1.5	0.47	4	50	2
D0.5-2-D4-50L-2T	0.5	1	2	0.47	4	50	2
D0.5-2.5-D4-50L-2T	0.5	1	2.5	0.47	4	50	2
D0.5-3-D4-50L-2T	0.5	1	3	0.47	4	50	2
D0.5-3.5-D4-50L-2T	0.5	1	3.5	0.47	4	50	2
D0.5-4-D4-50L-2T	0.5	1	4	0.47	4	50	2
D0.5-4.5-D4-50L-2T	0.5	1	4.5	0.47	4	50	2
D0.5-5-D4-50L-2T	0.5	1	5	0.47	4	50	2
D0.5-5.5-D4-50L-2T	0.5	1	5.5	0.47	4	50	2
D0.5-6-D4-50L-2T	0.5	1	6	0.47	4	50	2
D0.5-7-D4-50L-2T	0.5	1	7	0.47	4	50	2
D0.5-8-D4-50L-2T	0.5	1	8	0.47	4	50	2
D0.5-9-D4-50L-2T	0.5	1	9	0.47	4	50	2
D0.5-10-D4-50L-2T	0.5	1	10	0.47	4	50	2
D0.5-12-D4-50L-2T	0.5	1	12	0.47	4	50	2
D0.6-2-D4-50L-2T	0.6	1.2	2	0.57	4	50	2
D0.6-2.5-D4-50L-2T	0.6	1.2	2.5	0.57	4	50	2
D0.6-3-D4-50L-2T	0.6	1.2	3	0.57	4	50	2
D0.6-3.5-D4-50L-2T	0.6	1.2	3.5	0.57	4	50	2
D0.6-4-D4-50L-2T	0.6	1.2	4	0.57	4	50	2
D0.6-4.5-D4-50L-2T	0.6	1.2	4.5	0.57	4	50	2
D0.6-5-D4-50L-2T	0.6	1.2	5	0.57	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



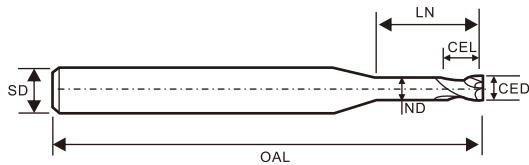
Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.6-5.5-D4-50L-2T	0.6	1.2	5.5	0.57	4	50	2
D0.6-6-D4-50L-2T	0.6	1.2	6	0.57	4	50	2
D0.6-7-D4-50L-2T	0.6	1.2	7	0.57	4	50	2
D0.6-8-D4-50L-2T	0.6	1.2	8	0.57	4	50	2
D0.6-9-D4-50L-2T	0.6	1.2	9	0.57	4	50	2
D0.6-10-D4-50L-2T	0.6	1.2	10	0.57	4	50	2
D0.6-11-D4-50L-2T	0.6	1.2	11	0.57	4	50	2
D0.6-12-D4-50L-2T	0.6	1.2	12	0.57	4	50	2
D0.7-2-D4-50L-2T	0.7	1.4	2	0.67	4	50	2
D0.7-3-D4-50L-2T	0.7	1.4	3	0.67	4	50	2
D0.7-3.5-D4-50L-2T	0.7	1.4	3.5	0.67	4	50	2
D0.7-4-D4-50L-2T	0.7	1.4	4	0.67	4	50	2
D0.7-4.5-D4-50L-2T	0.7	1.4	4.5	0.67	4	50	2
D0.7-5-D4-50L-2T	0.7	1.4	5	0.67	4	50	2
D0.7-5.5-D4-50L-2T	0.7	1.4	5.5	0.67	4	50	2
D0.7-6-D4-50L-2T	0.7	1.4	6	0.67	4	50	2
D0.7-7-D4-50L-2T	0.7	1.4	7	0.67	4	50	2
D0.7-8-D4-50L-2T	0.7	1.4	8	0.67	4	50	2
D0.7-9-D4-50L-2T	0.7	1.4	9	0.67	4	50	2
D0.7-10-D4-50L-2T	0.7	1.4	10	0.67	4	50	2
D0.7-11-D4-50L-2T	0.7	1.4	11	0.67	4	50	2
D0.7-12-D4-50L-2T	0.7	1.4	12	0.67	4	50	2
D0.8-2-D4-50L-2T	0.8	1.6	2	0.77	4	50	2
D0.8-2.5-D4-50L-2T	0.8	1.6	2.5	0.77	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



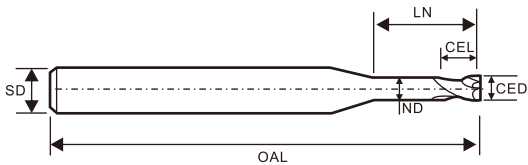
Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.8-3-D4-50L-2T	0.8	1.6	3	0.77	4	50	2
D0.8-3.5-D4-50L-2T	0.8	1.6	3.5	0.77	4	50	2
D0.8-4-D4-50L-2T	0.8	1.6	4	0.77	4	50	2
D0.8-4.5-D4-50L-2T	0.8	1.6	4.5	0.77	4	50	2
D0.8-5-D4-50L-2T	0.8	1.6	5	0.77	4	50	2
D0.8-5.5-D4-50L-2T	0.8	1.6	5.5	0.77	4	50	2
D0.8-6-D4-50L-2T	0.8	1.6	6	0.77	4	50	2
D0.8-7-D4-50L-2T	0.8	1.6	7	0.77	4	50	2
D0.8-8-D4-50L-2T	0.8	1.6	8	0.77	4	50	2
D0.8-9-D4-50L-2T	0.8	1.6	9	0.77	4	50	2
D0.8-10-D4-50L-2T	0.8	1.6	10	0.77	4	50	2
D0.8-11-D4-50L-2T	0.8	1.6	11	0.77	4	50	2
D0.8-12-D4-50L-2T	0.8	1.6	12	0.77	4	50	2
D0.9-3-D4-50L-2T	0.9	1.8	3	0.87	4	50	2
D0.9-4-D4-50L-2T	0.9	1.8	4	0.87	4	50	2
D0.9-5-D4-50L-2T	0.9	1.8	5	0.87	4	50	2
D0.9-6-D4-50L-2T	0.9	1.8	6	0.87	4	50	2
D0.9-7-D4-50L-2T	0.9	1.8	7	0.87	4	50	2
D0.9-8-D4-50L-2T	0.9	1.8	8	0.87	4	50	2
D0.9-9-D4-50L-2T	0.9	1.8	9	0.87	4	50	2
D0.9-10-D4-50L-2T	0.9	1.8	10	0.87	4	50	2
D1-4-D4-50L-2T	1	2	4	0.97	4	50	2
D1-5-D4-50L-2T	1	2	5	0.97	4	50	2
D1-6-D4-50L-2T	1	2	6	0.97	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



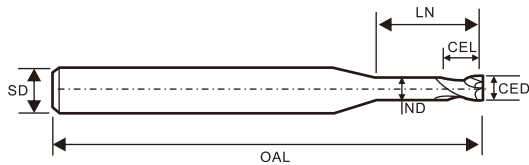
Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1-7-D4-50L-2T	1	2	7	0.97	4	50	2
D1-8-D4-50L-2T	1	2	8	0.97	4	50	2
D1-10-D4-50L-2T	1	2	10	0.97	4	50	2
D1-12-D4-50L-2T	1	2	12	0.97	4	50	2
D1-14-D4-50L-2T	1	2	14	0.97	4	50	2
D1-15-D4-50L-2T	1	2	15	0.97	4	50	2
D1-16-D4-50L-2T	1	2	16	0.97	4	50	2
D1-18-D4-50L-2T	1	2	18	0.97	4	50	2
D1-20-D4-50L-2T	1	2	20	0.97	4	50	2
D1-22-D4-60L-2T	1	2	22	0.97	4	60	2
D1-25-D4-60L-2T	1	2	25	0.97	4	60	2
D1-30-D4-60L-2T	1	2	30	0.97	4	60	2
D1.1-6-D4-50L-2T	1.1	2.2	6	1.065	4	50	2
D1.1-8-D4-50L-2T	1.1	2.2	8	1.065	4	50	2
D1.1-10-D4-50L-2T	1.1	2.2	10	1.065	4	50	2
D1.1-12-D4-50L-2T	1.1	2.2	12	1.065	4	50	2
D1.1-14-D4-50L-2T	1.1	2.2	14	1.065	4	50	2
D1.1-16-D4-50L-2T	1.1	2.2	16	1.065	4	50	2
D1.1-18-D4-50L-2T	1.1	2.2	18	1.065	4	50	2
D1.1-20-D4-50L-2T	1.1	2.2	20	1.065	4	50	2
D1.2-6-D4-50L-2T	1.2	2.4	6	1.165	4	50	2
D1.2-8-D4-50L-2T	1.2	2.4	8	1.165	4	50	2
D1.2-10-D4-50L-2T	1.2	2.4	10	1.165	4	50	2
D1.2-12-D4-50L-2T	1.2	2.4	12	1.165	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1.2-14-D4-50L-2T	1.2	2.4	14	1.165	4	50	2
D1.2-16-D4-50L-2T	1.2	2.4	16	1.165	4	50	2
D1.2-18-D4-50L-2T	1.2	2.4	18	1.165	4	50	2
D1.2-20-D4-50L-2T	1.2	2.4	20	1.165	4	50	2
D1.3-6-D4-50L-2T	1.3	2.6	6	1.265	4	50	2
D1.3-8-D4-50L-2T	1.3	2.6	8	1.265	4	50	2
D1.3-10-D4-50L-2T	1.3	2.6	10	1.265	4	50	2
D1.3-12-D4-50L-2T	1.3	2.6	12	1.265	4	50	2
D1.3-14-D4-50L-2T	1.3	2.6	14	1.265	4	50	2
D1.3-16-D4-50L-2T	1.3	2.6	16	1.265	4	50	2
D1.3-18-D4-50L-2T	1.3	2.6	18	1.265	4	50	2
D1.3-20-D4-50L-2T	1.3	2.6	20	1.265	4	50	2
D1.4-6-D4-50L-2T	1.4	2.8	6	1.365	4	50	2
D1.4-8-D4-50L-2T	1.4	2.8	8	1.365	4	50	2
D1.4-10-D4-50L-2T	1.4	2.8	10	1.365	4	50	2
D1.4-12-D4-50L-2T	1.4	2.8	12	1.365	4	50	2
D1.4-14-D4-50L-2T	1.4	2.8	14	1.365	4	50	2
D1.4-16-D4-50L-2T	1.4	2.8	16	1.365	4	50	2
D1.4-18-D4-50L-2T	1.4	2.8	18	1.365	4	50	2
D1.4-20-D4-50L-2T	1.4	2.8	20	1.365	4	50	2
D1.5-6-D4-50L-2T	1.5	3	6	1.465	4	50	2
D1.5-8-D4-50L-2T	1.5	3	8	1.465	4	50	2
D1.5-10-D4-50L-2T	1.5	3	10	1.465	4	50	2
D1.5-12-D4-50L-2T	1.5	3	12	1.465	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1.5-14-D4-50L-2T	1.5	3	14	1.465	4	50	2
D1.5-15-D4-50L-2T	1.5	3	15	1.465	4	50	2
D1.5-16-D4-50L-2T	1.5	3	16	1.465	4	50	2
D1.5-18-D4-50L-2T	1.5	3	18	1.465	4	50	2
D1.5-20-D4-50L-2T	1.5	3	20	1.465	4	50	2
D1.5-22-D4-60L-2T	1.5	3	22	1.465	4	60	2
D1.5-25-D4-60L-2T	1.5	3	25	1.465	4	60	2
D1.5-30-D4-60L-2T	1.5	3	30	1.465	4	60	2
D1.6-6-D4-50L-2T	1.6	3.2	6	1.565	4	50	2
D1.6-8-D4-50L-2T	1.6	3.2	8	1.565	4	50	2
D1.6-10-D4-50L-2T	1.6	3.2	10	1.565	4	50	2
D1.6-12-D4-50L-2T	1.6	3.2	12	1.565	4	50	2
D1.6-14-D4-50L-2T	1.6	3.2	14	1.565	4	50	2
D1.6-16-D4-50L-2T	1.6	3.2	16	1.565	4	50	2
D1.6-18-D4-50L-2T	1.6	3.2	18	1.565	4	50	2
D1.6-20-D4-50L-2T	1.6	3.2	20	1.565	4	50	2
D1.7-8-D4-50L-2T	1.7	3.4	8	1.665	4	50	2
D1.7-10-D4-50L-2T	1.7	3.4	10	1.665	4	50	2
D1.7-12-D4-50L-2T	1.7	3.4	12	1.665	4	50	2
D1.7-14-D4-50L-2T	1.7	3.4	14	1.665	4	50	2
D1.7-16-D4-50L-2T	1.7	3.4	16	1.665	4	50	2
D1.7-18-D4-50L-2T	1.7	3.4	18	1.665	4	50	2
D1.7-20-D4-50L-2T	1.7	3.4	20	1.665	4	50	2
D1.8-8-D4-50L-2T	1.8	3.6	8	1.765	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1.8-10-D4-50L-2T	1.8	3.6	10	1.765	4	50	2
D1.8-12-D4-50L-2T	1.8	3.6	12	1.765	4	50	2
D1.8-14-D4-50L-2T	1.8	3.6	14	1.765	4	50	2
D1.8-16-D4-50L-2T	1.8	3.6	16	1.765	4	50	2
D1.8-18-D4-50L-2T	1.8	3.6	18	1.765	4	50	2
D1.8-20-D4-50L-2T	1.8	3.6	20	1.765	4	50	2
D1.9-8-D4-50L-2T	1.9	3.8	8	1.865	4	50	2
D1.9-10-D4-50L-2T	1.9	3.8	10	1.865	4	50	2
D1.9-12-D4-50L-2T	1.9	3.8	12	1.865	4	50	2
D1.9-14-D4-50L-2T	1.9	3.8	14	1.865	4	50	2
D1.9-16-D4-50L-2T	1.9	3.8	16	1.865	4	50	2
D1.9-18-D4-50L-2T	1.9	3.8	18	1.865	4	50	2
D1.9-20-D4-50L-2T	1.9	3.8	20	1.865	4	50	2
D2-8-D4-50L-2T	2	4	8	1.96	4	50	2
D2-10-D4-50L-2T	2	4	10	1.96	4	50	2
D2-12-D4-50L-2T	2	4	12	1.96	4	50	2
D2-14-D4-50L-2T	2	4	14	1.96	4	50	2
D2-15-D4-50L-2T	2	4	15	1.96	4	50	2
D2-16-D4-50L-2T	2	4	16	1.96	4	50	2
D2-18-D4-50L-2T	2	4	18	1.96	4	50	2
D2-20-D4-50L-2T	2	4	20	1.96	4	50	2
D2-22-D4-60L-2T	2	4	22	1.96	4	60	2
D2-25-D4-60L-2T	2	4	25	1.96	4	60	2
D2-30-D4-60L-2T	2	4	30	1.96	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LG Long Neck Endmills for Aluminum (2F)



Technical Specification



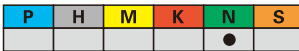
Specification	CED	CEL	LN	ND	SD	OAL	F
D2.5-8-D4-50L-2T	2.5	5	8	2.46	4	50	2
D2.5-10-D4-50L-2T	2.5	5	10	2.46	4	50	2
D2.5-12-D4-50L-2T	2.5	5	12	2.46	4	50	2
D2.5-14-D4-50L-2T	2.5	5	14	2.46	4	50	2
D2.5-16-D4-50L-2T	2.5	5	16	2.46	4	50	2
D2.5-18-D4-50L-2T	2.5	5	18	2.46	4	50	2
D2.5-20-D4-50L-2T	2.5	5	20	2.46	4	50	2
D2.5-22-D4-60L-2T	2.5	5	22	2.46	4	60	2
D2.5-25-D4-60L-2T	2.5	5	25	2.46	4	60	2
D2.5-30-D4-60L-2T	2.5	5	30	2.46	4	60	2
D3-10-D4-50L-2T	3	6	10	2.95	4	50	2
D3-12-D4-50L-2T	3	6	12	2.95	4	50	2
D3-14-D4-50L-2T	3	6	14	2.95	4	50	2
D3-15-D4-50L-2T	3	6	15	2.95	4	50	2
D3-16-D4-50L-2T	3	6	16	2.95	4	50	2
D3-18-D4-50L-2T	3	6	18	2.95	4	50	2
D3-20-D4-50L-2T	3	6	20	2.95	4	50	2
D3-22-D4-50L-2T	3	6	22	2.95	4	60	2
D3-25-D4-50L-2T	3	6	25	2.95	4	60	2
D3-30-D4-50L-2T	3	6	30	2.95	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC552LG Coating Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.2-1-D4-50L-2T	0.2	0.4	1	0.175	4	50	2
D0.2-1.5-D4-50L-2T	0.2	0.4	1.5	0.175	4	50	2
D0.3-1-D4-50L-2T	0.3	0.6	1	0.275	4	50	2
D0.3-1.5-D4-50L-2T	0.3	0.6	1.5	0.275	4	50	2
D0.3-2-D4-50L-2T	0.3	0.6	2	0.275	4	50	2
D0.3-2.5-D4-50L-2T	0.3	0.6	2.5	0.275	4	50	2
D0.3-3-D4-50L-2T	0.3	0.6	3	0.275	4	50	2
D0.3-3.5-D4-50L-2T	0.3	0.6	3.5	0.275	4	50	2
D0.3-4-D4-50L-2T	0.3	0.6	4	0.275	4	50	2
D0.4-1.5-D4-50L-2T	0.4	0.8	1.5	0.375	4	50	2
D0.4-2-D4-50L-2T	0.4	0.8	2	0.375	4	50	2
D0.4-3-D4-50L-2T	0.4	0.8	3	0.375	4	50	2
D0.4-4-D4-50L-2T	0.4	0.8	4	0.375	4	50	2
D0.4-5-D4-50L-2T	0.4	0.8	5	0.375	4	50	2
D0.4-6-D4-50L-2T	0.4	0.8	6	0.375	4	50	2
D0.5-1.5-D4-50L-2T	0.5	1	1.5	0.47	4	50	2
D0.5-2-D4-50L-2T	0.5	1	2	0.47	4	50	2
D0.5-3-D4-50L-2T	0.5	1	3	0.47	4	50	2
D0.5-4-D4-50L-2T	0.5	1	4	0.47	4	50	2
D0.5-5-D4-50L-2T	0.5	1	5	0.47	4	50	2
D0.5-6-D4-50L-2T	0.5	1	6	0.47	4	50	2
D0.5-8-D4-50L-2T	0.5	1	8	0.47	4	50	2
D0.5-10-D4-50L-2T	0.5	1	10	0.47	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC552LG Coating Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.6-2-D4-50L-2T	0.6	1.2	2	0.57	4	50	2
D0.6-3-D4-50L-2T	0.6	1.2	3	0.57	4	50	2
D0.6-4-D4-50L-2T	0.6	1.2	4	0.57	4	50	2
D0.6-5-D4-50L-2T	0.6	1.2	5	0.57	4	50	2
D0.6-6-D4-50L-2T	0.6	1.2	6	0.57	4	50	2
D0.6-8-D4-50L-2T	0.6	1.2	8	0.57	4	50	2
D0.6-10-D4-50L-2T	0.6	1.2	10	0.57	4	50	2
D0.6-12-D4-50L-2T	0.6	1.2	12	0.57	4	50	2
D0.7-3-D4-50L-2T	0.7	1.4	3	0.67	4	50	2
D0.7-4-D4-50L-2T	0.7	1.4	4	0.67	4	50	2
D0.7-6-D4-50L-2T	0.7	1.4	6	0.67	4	50	2
D0.7-8-D4-50L-2T	0.7	1.4	8	0.67	4	50	2
D0.7-10-D4-50L-2T	0.7	1.4	10	0.67	4	50	2
D0.8-2-D4-50L-2T	0.8	1.6	2	0.77	4	50	2
D0.8-3-D4-50L-2T	0.8	1.6	3	0.77	4	50	2
D0.8-4-D4-50L-2T	0.8	1.6	4	0.77	4	50	2
D0.8-5-D4-50L-2T	0.8	1.6	5	0.77	4	50	2
D0.8-6-D4-50L-2T	0.8	1.6	6	0.77	4	50	2
D0.8-8-D4-50L-2T	0.8	1.6	8	0.77	4	50	2
D0.8-10-D4-50L-2T	0.8	1.6	10	0.77	4	50	2
D0.8-12-D4-50L-2T	0.8	1.6	12	0.77	4	50	2
D0.9-3-D4-50L-2T	0.9	1.8	3	0.87	4	50	2
D0.9-4-D4-50L-2T	0.9	1.8	4	0.87	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC552LG Coating Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.9-6-D4-50L-2T	0.9	1.8	6	0.87	4	50	2
D0.9-8-D4-50L-2T	0.9	1.8	8	0.87	4	50	2
D0.9-10-D4-50L-2T	0.9	1.8	10	0.87	4	50	2
D1-4-D4-50L-2T	1	2	4	0.97	4	50	2
D1-5-D4-50L-2T	1	2	5	0.97	4	50	2
D1-6-D4-50L-2T	1	2	6	0.97	4	50	2
D1-8-D4-50L-2T	1	2	8	0.97	4	50	2
D1-10-D4-50L-2T	1	2	10	0.97	4	50	2
D1-12-D4-50L-2T	1	2	12	0.97	4	50	2
D1-14-D4-50L-2T	1	2	14	0.97	4	50	2
D1-15-D4-50L-2T	1	2	15	0.97	4	50	2
D1-16-D4-50L-2T	1	2	16	0.97	4	50	2
D1-18-D4-50L-2T	1	2	18	0.97	4	50	2
D1-20-D4-50L-2T	1	2	20	0.97	4	50	2
D1.5-6-D4-50L-2T	1.5	3	6	1.465	4	50	2
D1.5-8-D4-50L-2T	1.5	3	8	1.465	4	50	2
D1.5-10-D4-50L-2T	1.5	3	10	1.465	4	50	2
D1.5-12-D4-50L-2T	1.5	3	12	1.465	4	50	2
D1.5-14-D4-50L-2T	1.5	3	14	1.465	4	50	2
D1.5-15-D4-50L-2T	1.5	3	15	1.465	4	50	2
D1.5-16-D4-50L-2T	1.5	3	16	1.465	4	50	2
D1.5-18-D4-50L-2T	1.5	3	18	1.465	4	50	2
D1.5-20-D4-50L-2T	1.5	3	20	1.465	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA-DLC552LG Coating Long Neck Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D2-8-D4-50L-2T	2	4	8	1.96	4	50	2
D2-10-D4-50L-2T	2	4	10	1.96	4	50	2
D2-12-D4-50L-2T	2	4	12	1.96	4	50	2
D2-14-D4-50L-2T	2	4	14	1.96	4	50	2
D2-15-D4-50L-2T	2	4	15	1.96	4	50	2
D2-16-D4-50L-2T	2	4	16	1.96	4	50	2
D2-18-D4-50L-2T	2	4	18	1.96	4	50	2
D2-20-D4-50L-2T	2	4	20	2.4	4	50	2
D2.5-8-D4-50L-2T	2.5	5	8	2.46	4	50	2
D2.5-10-D4-50L-2T	2.5	5	10	2.46	4	50	2
D2.5-12-D4-50L-2T	2.5	5	12	2.46	4	50	2
D2.5-14-D4-50L-2T	2.5	5	14	2.46	4	50	2
D2.5-16-D4-50L-2T	2.5	5	16	2.46	4	50	2
D2.5-18-D4-50L-2T	2.5	5	18	2.46	4	50	2
D2.5-20-D4-50L-2T	2.5	5	20	2.46	4	50	2
D3-10-D4-50L-2T	3	6	10	2.95	4	50	2
D3-12-D4-50L-2T	3	6	12	2.95	4	50	2
D3-14-D4-50L-2T	3	6	14	2.95	4	50	2
D3-15-D4-50L-2T	3	6	15	2.95	4	50	2
D3-16-D4-50L-2T	3	6	16	2.95	4	50	2
D3-18-D4-50L-2T	3	6	18	2.95	4	50	2
D3-20-D4-50L-2T	3	6	20	2.95	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LA Long Flute Type Endmills for Aluminum (2F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D0.2-0.5-D4-50L-2T	0.2	0.5	4	50	2
D0.2-0.6-D4-50L-2T	0.2	0.6	4	50	2
D0.3-1-D4-50L-2T	0.3	1	4	50	2
D0.3-1.5-D4-50L-2T	0.3	1.5	4	50	2
D0.3-2-D4-50L-2T	0.3	2	4	50	2
D0.4-1-D4-50L-2T	0.4	1	4	50	2
D0.4-1.5-D4-50L-2T	0.4	1.5	4	50	2
D0.4-2-D4-50L-2T	0.4	2	4	50	2
D0.4-2.5-D4-50L-2T	0.4	2.5	4	50	2
D0.4-3-D4-50L-2T	0.4	3	4	50	2
D0.5-1.5-D4-50L-2T	0.5	1.5	4	50	2
D0.5-2-D4-50L-2T	0.5	2	4	50	2
D0.5-2.5-D4-50L-2T	0.5	2.5	4	50	2
D0.5-3-D4-50L-2T	0.5	3	4	50	2
D0.5-3.5-D4-50L-2T	0.5	3.5	4	50	2
D0.5-4-D4-50L-2T	0.5	4	4	50	2
D0.6-1.5-D4-50L-2T	0.6	1.5	4	50	2
D0.6-2-D4-50L-2T	0.6	2	4	50	2
D0.6-2.5-D4-50L-2T	0.6	2.5	4	50	2
D0.6-3-D4-50L-2T	0.6	3	4	50	2
D0.6-3.5-D4-50L-2T	0.6	3.5	4	50	2
D0.6-4-D4-50L-2T	0.6	4	4	50	2
D0.6-4.5-D4-50L-2T	0.6	4.5	4	50	2
D0.6-5-D4-50L-2T	0.6	5	4	50	2
D0.7-2-D4-50L-2T	0.7	2	4	50	2
D0.7-2.5-D4-50L-2T	0.7	2.5	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LA Long Flute Type Endmills for Aluminum (2F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D0.7-3-D4-50L-2T	0.7	3	4	50	2
D0.7-3.5-D4-50L-2T	0.7	3.5	4	50	2
D0.7-4-D4-50L-2T	0.7	4	4	50	2
D0.7-5-D4-50L-2T	0.7	5	4	50	2
D0.8-2-D4-50L-2T	0.8	2	4	50	2
D0.8-2.5-D4-50L-2T	0.8	2.5	4	50	2
D0.8-3-D4-50L-2T	0.8	3	4	50	2
D0.8-3.5-D4-50L-2T	0.8	3.5	4	50	2
D0.8-4-D4-50L-2T	0.8	4	4	50	2
D0.8-5-D4-50L-2T	0.8	5	4	50	2
D0.9-2-D4-50L-2T	0.9	2	4	50	2
D0.9-3-D4-50L-2T	0.9	3	4	50	2
D0.9-4-D4-50L-2T	0.9	4	4	50	2
D0.9-5-D4-50L-2T	0.9	5	4	50	2
D1-4-D4-50L-2T	1	4	4	50	2
D1-5-D4-50L-2T	1	5	4	50	2
D1-6-D4-50L-2T	1	6	4	50	2
D1-7-D4-50L-2T	1	7	4	50	2
D1-8-D4-50L-2T	1	8	4	50	2
D1-10-D4-50L-2T	1	10	4	50	2
D1.2-5-D4-50L-2T	1.2	5	4	50	2
D1.2-6-D4-50L-2T	1.2	6	4	50	2
D1.2-8-D4-50L-2T	1.2	8	4	50	2
D1.3-5-D4-50L-2T	1.3	5	4	50	2
D1.3-6-D4-50L-2T	1.3	6	4	50	2
D1.3-8-D4-50L-2T	1.3	8	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LA Long Flute Type Endmills for Aluminum (2F)



Technical Specification

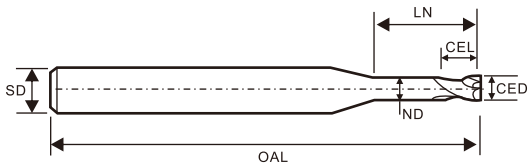


P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D1.4-6-D4-50L-2T	1.4	6	4	50	2
D1.4-8-D4-50L-2T	1.4	8	4	50	2
D1.4-10-D4-50L-2T	1.4	10	4	50	2
D1.5-5-D4-50L-2T	1.5	5	4	50	2
D1.5-6-D4-50L-2T	1.5	6	4	50	2
D1.5-7-D4-50L-2T	1.5	7	4	50	2
D1.5-8-D4-50L-2T	1.5	8	4	50	2
D1.5-10-D4-50L-2T	1.5	10	4	50	2
D1.5-12-D4-50L-2T	1.5	12	4	50	2
D1.6-6-D4-50L-2T	1.6	6	4	50	2
D1.6-8-D4-50L-2T	1.6	8	4	50	2
D1.6-10-D4-50L-2T	1.6	10	4	50	2
D1.8-6-D4-50L-2T	1.8	6	4	50	2
D1.8-8-D4-50L-2T	1.8	8	4	50	2
D1.8-10-D4-50L-2T	1.8	10	4	50	2
D2-8-D4-50L-2T	2	8	4	50	2
D2-10-D4-50L-2T	2	10	4	50	2
D2-12-D4-50L-2T	2	12	4	50	2
D2.5-10-D4-50L-2T	2.5	10	4	50	2
D2.5-12-D4-50L-2T	2.5	12	4	50	2
D2.5-14-D4-50L-2T	2.5	14	4	50	2
D3-12-D4-50L-2T	3	12	4	50	2
D3-14-D4-50L-2T	3	14	4	50	2
D3-16-D4-50L-2T	3	16	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553LG Long Neck Endmills for Aluminum (3F)



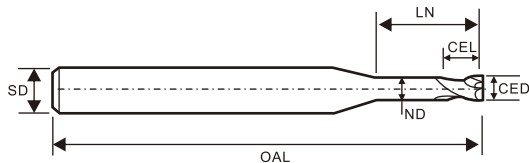
Technical Specification



Specification	CEL	LN1	LN	ND	SD	OAL	F
D1-4-D4-50L-3T	3	1	4	0.97	4	50	3
D1-5-D4-50L-3T	3	2	5	0.97	4	50	3
D1-6-D4-50L-3T	3	3	6	0.97	4	50	3
D1-8-D4-50L-3T	3	5	8	0.97	4	50	3
D1-10-D4-50L-3T	3	7	10	0.97	4	50	3
D1-12-D4-50L-3T	3	9	12	0.97	4	50	3
D1-14-D4-50L-3T	3	11	14	0.97	4	50	3
D1-15-D4-50L-3T	3	12	15	0.97	4	50	3
D1-16-D4-50L-3T	3	13	16	0.97	4	50	3
D1-18-D4-50L-3T	3	15	18	0.97	4	50	3
D1-20-D4-50L-3T	3	17	20	0.97	4	50	3
D1-25-D4-60L-3T	3	22	25	0.97	4	60	3
D1-30-D4-60L-3T	3	27	30	0.97	4	60	3
D1.5-6-D4-50L-3T	4.5	1.5	6	1.47	4	50	3
D1.5-8-D4-50L-3T	4.5	3.5	8	1.47	4	50	3
D1.5-10-D4-50L-3T	4.5	5.5	10	1.47	4	50	3
D1.5-12-D4-50L-3T	4.5	7.5	12	1.47	4	50	3
D1.5-14-D4-50L-3T	4.5	9.5	14	1.47	4	50	3
D1.5-15-D4-50L-3T	4.5	10.5	15	1.47	4	50	3
D1.5-16-D4-50L-3T	4.5	11.5	16	1.47	4	50	3
D1.5-18-D4-50L-3T	4.5	13.5	18	1.47	4	50	3
D1.5-20-D4-50L-3T	4.5	15.5	20	1.47	4	50	3
D1.5-25-D4-60L-3T	4.5	20.5	25	1.47	4	60	3
D1.5-30-D4-60L-3T	4.5	25.5	30	1.47	4	60	3
D2-8-D4-50L-3T	6	2	8	1.96	4	50	3
D2-10-D4-50L-3T	6	4	10	1.96	4	50	3
D2-12-D4-50L-3T	6	6	12	1.96	4	50	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
													●	●	

YA553LG Long Neck Endmills for Aluminum (3F)



Technical Specification



Specification	CEL	LN1	LN	ND	SD	OAL	F
D2-14-D4-50L-3T	6	8	14	1.96	4	50	3
D2-15-D4-50L-3T	6	9	15	1.96	4	50	3
D2-16-D4-50L-3T	6	10	16	1.96	4	50	3
D2-18-D4-50L-3T	6	12	18	1.96	4	50	3
D2-20-D4-50L-3T	6	14	20	1.96	4	50	3
D2-25-D4-60L-3T	6	19	25	1.96	4	60	3
D2-30-D4-60L-3T	6	24	30	1.96	4	60	3
D2.5-8-D4-50L-3T	7.5	0.5	8	2.46	4	50	3
D2.5-10-D4-50L-3T	7.5	2.5	10	2.46	4	50	3
D2.5-12-D4-50L-3T	7.5	4.5	12	2.46	4	50	3
D2.5-14-D4-50L-3T	7.5	6.5	14	2.46	4	50	3
D2.5-15-D4-50L-3T	7.5	7.5	15	2.46	4	50	3
D2.5-16-D4-50L-3T	7.5	8.5	16	2.46	4	50	3
D2.5-18-D4-50L-3T	7.5	10.5	18	2.46	4	50	3
D2.5-20-D4-50L-3T	7.5	12.5	20	2.46	4	50	3
D2.5-25-D4-60L-3T	7.5	17.5	25	2.46	4	60	3
D2.5-30-D4-60L-3T	7.5	22.5	30	2.46	4	60	3
D3-12-D4-50L-3T	9	3	12	2.96	4	50	3
D3-14-D4-50L-3T	9	5	14	2.96	4	50	3
D3-15-D4-50L-3T	9	6	15	2.96	4	50	3
D3-16-D4-50L-3T	9	7	16	2.96	4	50	3
D3-18-D4-50L-3T	9	9	18	2.96	4	50	3
D3-20-D4-50L-3T	9	11	20	2.96	4	50	3
D3-25-D4-60L-3T	9	16	25	2.96	4	60	3
D3-30-D4-60L-3T	9	21	30	2.96	4	60	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
													●	●	

YA553LA Long Flute Type Endmills for Aluminum (3F)



Technical Specification



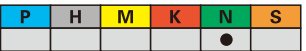
Specification	CED	CEL	SD	OAL	F
D1-4-D4-50L-3T	1	4	4	50	3
D1-5-D4-50L-3T	1	5	4	50	3
D1-6-D4-50L-3T	1	6	4	50	3
D1-7-D4-50L-3T	1	7	4	50	3
D1-8-D4-50L-3T	1	8	4	50	3
D1-10-D4-50L-3T	1	10	4	50	3
D1.2-5-D4-50L-3T	1.2	5	4	60	3
D1.2-6-D4-50L-3T	1.2	6	4	50	3
D1.2-8-D4-50L-3T	1.2	8	4	50	3
D1.2-10-D4-50L-3T	1.2	10	4	50	3
D1.3-5-D4-50L-3T	1.3	5	4	50	3
D1.3-6-D4-50L-3T	1.3	6	4	50	3
D1.3-8-D4-50L-3T	1.3	8	4	50	3
D1.4-6-D4-50L-3T	1.4	6	4	50	3
D1.4-8-D4-50L-3T	1.4	8	4	50	3
D1.4-10-D4-50L-3T	1.4	10	4	50	3
D1.5-5-D4-50L-3T	1.5	5	4	50	3
D1.5-6-D4-50L-3T	1.5	6	4	50	3
D1.5-7-D4-50L-3T	1.5	7	4	50	3
D1.5-8-D4-50L-3T	1.5	8	4	50	3
D1.5-10-D4-50L-3T	1.5	10	4	50	3
D1.5-12-D4-50L-3T	1.5	12	4	50	3
D1.5-16-D4-50L-3T	1.5	16	4	50	3
D1.5-18-D4-50L-3T	1.5	18	4	50	3

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL
													●	●

YA553LA Long Flute Type Endmills for Aluminum (3F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D1.6-6-D4-50L-3T	1.6	6	4	50	3
D1.6-8-D4-50L-3T	1.6	8	4	50	3
D1.6-10-D4-50L-3T	1.6	10	4	50	3
D1.8-6-D4-50L-3T	1.8	6	4	50	3
D1.8-8-D4-50L-3T	1.8	8	4	50	3
D1.8-10-D4-50L-3T	1.8	10	4	50	3
D2-8-D4-50L-3T	2	8	4	50	3
D2-10-D4-50L-3T	2	10	4	50	3
D2-12-D4-50L-3T	2	12	4	50	3
D2-14-D4-50L-3T	2	14	4	50	3
D2-18-D4-50L-3T	2	18	4	50	3
D2.5-10-D4-50L-3T	2.5	10	4	50	3
D2.5-12-D4-50L-3T	2.5	12	4	50	3
D2.5-14-D4-50L-3T	2.5	14	4	50	3
D2.5-15-D4-50L-3T	2.5	15	4	50	3
D2.5-16-D4-50L-3T	2.5	16	4	50	3
D2.5-18-D4-50L-3T	2.5	18	4	50	3
D3-10-D4-50L-3T	3	10	4	50	3
D3-12-D4-50L-3T	3	12	4	50	3
D3-14-D4-50L-3T	3	14	4	50	3
D3-16-D4-50L-3T	3	16	4	50	3
D3-18-D4-50L-3T	3	18	4	50	3
D4-15-D4-50L-3T	4	15	4	50	3
D4-16-D4-50L-3T	4	16	4	50	3
D4-20-D4-50L-3T	4	20	4	50	3

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL
													●	●

YA552MB Micro Diameter Ball Endmills for Aluminum (2F)



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
R0.14-0.56-D4-50L-2T	R0.14	0.56	4	50	2
R0.15-0.6-D4-50L-2T	R0.15	0.6	4	50	2
R0.16-0.64-D4-50L-2T	R0.16	0.64	4	50	2
R0.175-0.7-D4-50L-2T	R0.175	0.7	4	50	2
R0.18-0.72-D4-50L-2T	R0.18	0.72	4	50	2
R0.2-0.8-D4-50L-2T	R0.2	0.8	4	50	2
R0.225-0.9-D4-50L-2T	R0.225	0.9	4	50	2
R0.23-0.92-D4-50L-2T	R0.23	0.92	4	50	2
R0.25-1-D4-50L-2T	R0.25	1	4	50	2
R0.275-1.1-D4-50L-2T	R0.275	1.1	4	50	2
R0.28-1.12-D4-50L-2T	R0.28	1.12	4	50	2
R0.3-1.2-D4-50L-2T	R0.3	1.2	4	50	2
R0.31-1.24-D4-50L-2T	R0.31	1.24	4	50	2
R0.325-1.3-D4-50L-2T	R0.325	1.3	4	50	2
R0.34-1.36-D4-50L-2T	R0.34	1.36	4	50	2
R0.35-1.4-D4-50L-2T	R0.35	1.4	4	50	2
R0.36-1.44-D4-50L-2T	R0.36	1.44	4	50	2
R0.375-1.5-D4-50L-2T	R0.375	1.5	4	50	2
R0.4-1.6-D4-50L-2T	R0.4	1.6	4	50	2
R0.41-1.64-D4-50L-2T	R0.41	1.64	4	50	2
R0.425-1.7-D4-50L-2T	R0.425	1.7	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552MB Micro Diameter Ball Endmills for Aluminum (2F)



Technical Specification

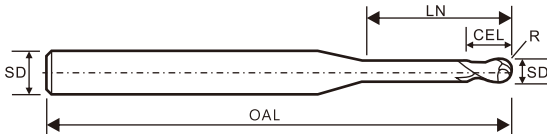


P	H	M	K	N	S
				●	

规格 Specification	R径 CED	刃长 CEL	柄径 SD	总长 OAL	刃数 F
R0.45-1.8-D4-50L-2T	R0.45	1.8	4	50	2
R0.475-1.9-D4-50L-2T	R0.475	1.9	4	50	2
R0.525-2.1-D4-50L-2T	R0.525	2.1	4	50	2
R0.55-2.2-D4-50L-2T	R0.55	2.2	4	50	2
R0.575-2.3-D4-50L-2T	R0.575	2.3	4	50	2
R0.58-2.32-D4-50L-2T	R0.58	2.32	4	50	2
R0.6-2.4-D4-50L-2T	R0.6	2.4	4	50	2
R0.625-2.5-D4-50L-2T	R0.625	2.5	4	50	2
R0.65-2.6-D4-50L-2T	R0.65	2.6	4	50	2
R0.675-2.7-D4-50L-2T	R0.675	2.7	4	50	2
R0.7-2.8-D4-50L-2T	R0.7	2.8	4	50	2
R0.725-2.9-D4-50L-2T	R0.725	2.9	4	50	2
R0.74-2.96-D4-50L-2T	R0.74	2.96	4	50	2
R0.8-3.2-D4-50L-2T	R0.8	3.2	4	50	2
R0.825-3.3-D4-50L-2T	R0.825	3.3	4	50	2
R0.85-3.4-D4-50L-2T	R0.85	3.4	4	50	2
R0.875-3.5-D4-50L-2T	R0.875	3.5	4	50	2
R0.88-3.52-D4-50L-2T	R0.88	3.52	4	50	2
R0.9-3.6-D4-50L-2T	R0.9	3.6	4	50	2
R0.925-3.7-D4-50L-2T	R0.925	3.7	4	50	2
R0.95-3.8-D4-50L-2T	R0.95	3.8	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LGB Long Neck Ball Endmills for Aluminum (2F)



Technical Specification

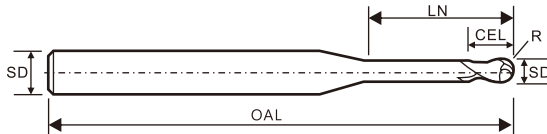


P	H	M	K	N	S
				●	

Specification	R	CEL	ND	LN	SD	OAL	F
R0.15-1-D4-50L-2T	R0.15	0.6	0.27	1	4	50	2
R0.15-1.5-D4-50L-2T	R0.15	0.6	0.27	1.5	4	50	2
R0.15-2-D4-50L-2T	R0.15	0.6	0.27	2	4	50	2
R0.15-2.5-D4-50L-2T	R0.15	0.6	0.27	2.5	4	50	2
R0.15-3-D4-50L-2T	R0.15	0.6	0.27	3	4	50	2
R0.15-4-D4-50L-2T	R0.15	0.6	0.27	4	4	50	2
R0.2-1.5-D4-50L-2T	R0.2	0.8	0.37	1.5	4	50	2
R0.2-2-D4-50L-2T	R0.2	0.8	0.37	2	4	50	2
R0.2-3-D4-50L-2T	R0.2	0.8	0.37	3	4	50	2
R0.2-4-D4-50L-2T	R0.2	0.8	0.37	4	4	50	2
R0.2-5-D4-50L-2T	R0.2	0.8	0.37	5	4	50	2
R0.2-6-D4-50L-2T	R0.2	0.8	0.37	6	4	50	2
R0.25-1.5-D4-50L-2T	R0.25	1	0.47	1.5	4	50	2
R0.25-2-D4-50L-2T	R0.25	1	0.47	2	4	50	2
R0.25-3-D4-50L-2T	R0.25	1	0.47	3	4	50	2
R0.25-4-D4-50L-2T	R0.25	1	0.47	4	4	50	2
R0.25-5-D4-50L-2T	R0.25	1	0.47	5	4	50	2
R0.25-6-D4-50L-2T	R0.25	1	0.47	6	4	50	2
R0.25-8-D4-50L-2T	R0.25	1	0.47	8	4	50	2
R0.3-2-D4-50L-2T	R0.3	1.2	0.57	2	4	50	2
R0.3-3-D4-50L-2T	R0.3	1.2	0.57	3	4	50	2
R0.3-4-D4-50L-2T	R0.3	1.2	0.57	4	4	50	2
R0.3-5-D4-50L-2T	R0.3	1.2	0.57	5	4	50	2
R0.3-6-D4-50L-2T	R0.3	1.2	0.57	6	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LGB Long Neck Ball Endmills for Aluminum (2F)



Technical Specification

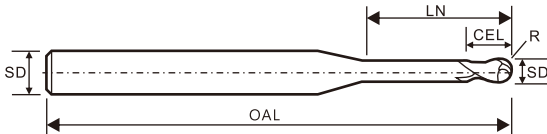


P	H	M	K	N	S
				●	

Specification	R	CEL	ND	LN	SD	OAL	F
R0.3-8-D4-50L-2T	R0.3	1.2	0.57	8	4	50	2
R0.3-10-D4-50L-2T	R0.3	1.2	0.57	10	4	50	2
R0.3-12-D4-50L-2T	R0.3	1.2	0.57	12	4	50	2
R0.4-2-D4-50L-2T	R0.4	1.6	0.77	2	4	50	2
R0.4-3-D4-50L-2T	R0.4	1.6	0.77	3	4	50	2
R0.4-4-D4-50L-2T	R0.4	1.6	0.77	4	4	50	2
R0.4-5-D4-50L-2T	R0.4	1.6	0.77	5	4	50	2
R0.4-6-D4-50L-2T	R0.4	1.6	0.77	6	4	50	2
R0.4-8-D4-50L-2T	R0.4	1.6	0.77	8	4	50	2
R0.4-10-D4-50L-2T	R0.4	1.6	0.77	10	4	50	2
R0.4-12-D4-50L-2T	R0.4	1.6	0.77	12	4	50	2
R0.5-3-D4-50L-2T	R0.5	2	0.97	3	4	50	2
R0.5-4-D4-50L-2T	R0.5	2	0.97	4	4	50	2
R0.5-5-D4-50L-2T	R0.5	2	0.97	5	4	50	2
R0.5-6-D4-50L-2T	R0.5	2	0.97	6	4	50	2
R0.5-8-D4-50L-2T	R0.5	2	0.97	8	4	50	2
R0.5-10-D4-50L-2T	R0.5	2	0.97	10	4	50	2
R0.5-12-D4-50L-2T	R0.5	2	0.97	12	4	50	2
R0.5-14-D4-50L-2T	R0.5	2	0.97	14	4	50	2
R0.5-15-D4-50L-2T	R0.5	2	0.97	15	4	50	2
R0.5-16-D4-50L-2T	R0.5	2	0.97	16	4	50	2
R0.5-18-D4-50L-2T	R0.5	2	0.97	18	4	50	2
R0.5-20-D4-50L-2T	R0.5	2	0.97	20	4	50	2
R0.5-25-D4-50L-2T	R0.5	2	0.97	25	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LGB Long Neck Ball Endmills for Aluminum (2F)



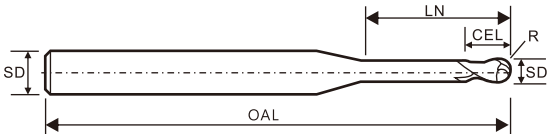
Technical Specification



Specification	R	CEL	ND	LN	SD	OAL	F
R0.5-30-D4-50L-2T	R0.5	2	0.97	30	4	60	2
R0.6-4-D4-50L-2T	R0.6	2.4	1.165	4	4	50	2
R0.6-6-D4-50L-2T	R0.6	2.4	1.165	6	4	50	2
R0.6-8-D4-50L-2T	R0.6	2.4	1.165	8	4	50	2
R0.6-10-D4-50L-2T	R0.6	2.4	1.165	10	4	50	2
R0.6-12-D4-50L-2T	R0.6	2.4	1.165	12	4	50	2
R0.6-14-D4-50L-2T	R0.6	2.4	1.165	14	4	50	2
R0.6-16-D4-50L-2T	R0.6	2.4	1.165	16	4	50	2
R0.6-18-D4-50L-2T	R0.6	2.4	1.165	18	4	50	2
R0.6-20-D4-50L-2T	R0.6	2.4	1.165	20	4	50	2
R0.75-4-D4-50L-2T	R0.75	3	1.47	4	4	50	2
R0.75-5-D4-50L-2T	R0.75	3	1.47	5	4	50	2
R0.75-6-D4-50L-2T	R0.75	3	1.47	6	4	50	2
R0.75-8-D4-50L-2T	R0.75	3	1.47	8	4	50	2
R0.75-10-D4-50L-2T	R0.75	3	1.47	10	4	50	2
R0.75-12-D4-50L-2T	R0.75	3	1.47	12	4	50	2
R0.75-14-D4-50L-2T	R0.75	3	1.47	14	4	50	2
R0.75-15-D4-50L-2T	R0.75	3	1.47	15	4	50	2
R0.75-16-D4-50L-2T	R0.75	3	1.47	16	4	50	2
R0.75-18-D4-50L-2T	R0.75	3	1.47	18	4	50	2
R0.75-3-D4-50L-2T	R0.75	3	1.47	20	4	50	2
R0.75-25-D4-50L-2T	R0.75	3	1.47	25	4	60	2
R0.75-30-D4-50L-2T	R0.75	3	1.47	30	4	60	2
R1-6-D4-50L-2T	R1	4	1.95	6	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA552LGB Long Neck Ball Endmills for Aluminum (2F)



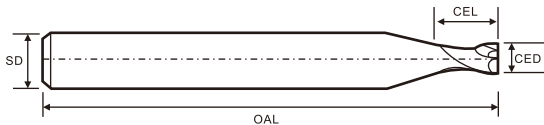
Technical Specification



Specification	R	CEL	ND	LN	SD	OAL	F
R1-8-D4-50L-2T	R1	4	1.95	8	4	50	2
R1-10-D4-50L-2T	R1	4	1.95	10	4	50	2
R1-12-D4-50L-2T	R1	4	1.95	12	4	50	2
R1-14-D4-50L-2T	R1	4	1.95	14	4	50	2
R1-15-D4-50L-2T	R1	4	1.95	15	4	50	2
R1-16-D4-50L-2T	R1	4	1.95	16	4	50	2
R1-18-D4-50L-2T	R1	4	1.95	18	4	50	2
R1-20-D4-50L-2T	R1	4	1.95	20	4	50	2
R1-25-D4-50L-2T	R1	4	1.95	25	4	60	2
R1-30-D4-50L-2T	R1	4	1.95	30	4	60	2
R1.5-8-D4-50L-2T	R1.5	6	2.95	8	4	50	2
R1.5-10-D4-50L-2T	R1.5	6	2.95	10	4	50	2
R1.5-12-D4-50L-2T	R1.5	6	2.95	12	4	50	2
R1.5-14-D4-50L-2T	R1.5	6	2.95	14	4	50	2
R1.5-15-D4-50L-2T	R1.5	6	2.95	15	4	50	2
R1.5-16-D4-50L-2T	R1.5	6	2.95	16	4	50	2
R1.5-18-D4-50L-2T	R1.5	6	2.95	18	4	50	2
R1.5-20-D4-50L-2T	R1.5	6	2.95	20	4	50	2
R1.5-25-D4-50L-2T	R1.5	6	2.95	25	4	60	2
R1.5-30-D4-50L-2T	R1.5	6	2.95	30	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YP552M Micro Diameter Endmills (2F)



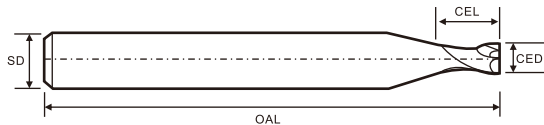
Technical Specification



Specification	CED	CEL	SD	OAL	F
D0.2-0.4-D4-50L-2T	0.2	0.4	4	50	2
D0.21-0.42-D4-50L-2T	0.21	0.42	4	50	2
D0.22-0.44-D4-50L-2T	0.22	0.44	4	50	2
D0.23-0.46-D4-50L-2T	0.23	0.46	4	50	2
D0.24-0.48-D4-50L-2T	0.24	0.48	4	50	2
D0.25-0.5-D4-50L-2T	0.25	0.5	4	50	2
D0.26-0.52-D4-50L-2T	0.26	0.52	4	50	2
D0.27-0.54-D4-50L-2T	0.27	0.54	4	50	2
D0.28-0.56-D4-50L-2T	0.28	0.56	4	50	2
D0.29-0.58-D4-50L-2T	0.29	0.58	4	50	2
D0.3-0.6-D4-50L-2T	0.3	0.6	4	50	2
D0.31-0.62-D4-50L-2T	0.31	0.62	4	50	2
D0.32-0.64-D4-50L-2T	0.32	0.64	4	50	2
D0.33-0.66-D4-50L-2T	0.33	0.66	4	50	2
D0.34-0.68-D4-50L-2T	0.34	0.68	4	50	2
D0.35-0.7-D4-50L-2T	0.35	0.7	4	50	2
D0.36-0.72-D4-50L-2T	0.36	0.72	4	50	2
D0.37-0.74-D4-50L-2T	0.37	0.74	4	50	2
D0.38-0.76-D4-50L-2T	0.38	0.76	4	50	2
D0.39-0.78-D4-50L-2T	0.39	0.78	4	50	2
D0.4-0.8-D4-50L-2T	0.4	0.8	4	50	2
D0.41-0.82-D4-50L-2T	0.41	0.82	4	50	2
D0.42-0.84-D4-50L-2T	0.42	0.84	4	50	2
D0.43-0.86-D4-50L-2T	0.43	0.86	4	50	2
D0.44-0.88-D4-50L-2T	0.44	0.88	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●

YP552M Micro Diameter Endmills (2F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D0.45-0.9-D4-50L-2T	0.45	0.9	4	50	2
D0.46-0.92-D4-50L-2T	0.46	0.92	4	50	2
D0.47-0.94-D4-50L-2T	0.47	0.94	4	50	2
D0.48-0.96-D4-50L-2T	0.48	0.96	4	50	2
D0.49-0.98-D4-50L-2T	0.49	0.98	4	50	2
D0.5-1-D4-50L-2T	0.5	1	4	50	2
D0.51-1.02-D4-50L-2T	0.51	1.02	4	50	2
D0.52-1.04-D4-50L-2T	0.52	1.04	4	50	2
D0.53-1.06-D4-50L-2T	0.53	1.06	4	50	2
D0.54-1.08-D4-50L-2T	0.54	1.08	4	50	2
D0.55-1.1--D4-50L-2T	0.55	1.1	4	50	2
D0.56-1.12-D4-50L-2T	0.56	1.12	4	50	2
D0.57-1.14-D4-50L-2T	0.57	1.14	4	50	2
D0.58-1.16-D4-50L-2T	0.58	1.16	4	50	2
D0.59-1.18-D4-50L-2T	0.59	1.18	4	50	2
D0.6-1.2-D4-50L-2T	0.6	1.2	4	50	2
D0.61-1.22-D4-50L-2T	0.61	1.22	4	50	2
D0.62-1.24-D4-50L-2T	0.62	1.24	4	50	2
D0.63-1.26-D4-50L-2T	0.63	1.26	4	50	2
D0.64-1.28-D4-50L-2T	0.64	1.28	4	50	2
D0.65-1.3-D4-50L-2T	0.65	1.3	4	50	2
D0.66-1.32-D4-50L-2T	0.66	1.32	4	50	2
D0.67-1.34-D4-50L-2T	0.67	1.34	4	50	2
D0.68-1.36-D4-50L-2T	0.68	1.36	4	50	2
D0.69-1.38-D4-50L-2T	0.69	1.38	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	●

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



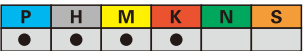
Specification	CED	CEL	LN	ND	SD	OAL	F
D0.2-1-D4-50L-2T	0.2	0.4	1	0.175	4	50	2
D0.2-1.5-D4-50L-2T	0.2	0.4	1.5	0.175	4	50	2
D0.2-2-D4-50L-2T	0.2	0.4	2	0.175	4	50	2
D0.2-2.5-D4-50L-2T	0.2	0.4	2.5	0.175	4	50	2
D0.2-3-D4-50L-2T	0.2	0.4	3	0.175	4	50	2
D0.3-1-D4-50L-2T	0.3	0.6	1	0.275	4	50	2
D0.3-1.5-D4-50L-2T	0.3	0.6	1.5	0.275	4	50	2
D0.3-2-D4-50L-2T	0.3	0.6	2	0.275	4	50	2
D0.3-2.5-D4-50L-2T	0.3	0.6	2.5	0.275	4	50	2
D0.3-3-D4-50L-2T	0.3	0.6	3	0.275	4	50	2
D0.3-3.5-D4-50L-2T	0.3	0.6	3.5	0.275	4	50	2
D0.3-4-D4-50L-2T	0.3	0.6	4	0.275	4	50	2
D0.3-4.5-D4-50L-2T	0.3	0.6	4.5	0.275	4	50	2
D0.3-5-D4-50L-2T	0.3	0.6	5	0.275	4	50	2
D0.3-5.5-D4-50L-2T	0.3	0.6	5.5	0.275	4	50	2
D0.3-6-D4-50L-2T	0.3	0.6	6	0.275	4	50	2
D0.4-1.5-D4-50L-2T	0.4	0.8	1.5	0.375	4	50	2
D0.4-2-D4-50L-2T	0.4	0.8	2	0.375	4	50	2
D0.4-2.5-D4-50L-2T	0.4	0.8	2.5	0.375	4	50	2
D0.4-3-D4-50L-2T	0.4	0.8	3	0.375	4	50	2
D0.4-3.5-D4-50L-2T	0.4	0.8	3.5	0.375	4	50	2
D0.4-4-D4-50L-2T	0.4	0.8	4	0.375	4	50	2
D0.4-4.5-D4-50L-2T	0.4	0.8	4.5	0.375	4	50	2
D0.4-5-D4-50L-2T	0.4	0.8	5	0.375	4	50	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.4-6-D4-50L-2T	0.4	0.8	5.5	0.375	4	50	2
D0.4-6-D4-50L-2T	0.4	0.8	6	0.375	4	50	2
D0.5-1.5-D4-50L-2T	0.5	1	1.5	0.47	4	50	2
D0.5-2-D4-50L-2T	0.5	1	2	0.47	4	50	2
D0.5-2.5-D4-50L-2T	0.5	1	2.5	0.47	4	50	2
D0.5-3-D4-50L-2T	0.5	1	3	0.47	4	50	2
D0.5-3.5-D4-50L-2T	0.5	1	3.5	0.47	4	50	2
D0.5-4-D4-50L-2T	0.5	1	4	0.47	4	50	2
D0.5-4.5-D4-50L-2T	0.5	1	4.5	0.47	4	50	2
D0.5-5-D4-50L-2T	0.5	1	5	0.47	4	50	2
D0.5-5.5-D4-50L-2T	0.5	1	5.5	0.47	4	50	2
D0.5-6-D4-50L-2T	0.5	1	6	0.47	4	50	2
D0.5-7-D4-50L-2T	0.5	1	7	0.47	4	50	2
D0.5-8-D4-50L-2T	0.5	1	8	0.47	4	50	2
D0.5-9-D4-50L-2T	0.5	1	9	0.47	4	50	2
D0.5-10-D4-50L-2T	0.5	1	10	0.47	4	50	2
D0.5-12-D4-50L-2T	0.5	1	12	0.47	4	50	2
D0.6-2-D4-50L-2T	0.6	1.2	2	0.57	4	50	2
D0.6-2.5-D4-50L-2T	0.6	1.2	2.5	0.57	4	50	2
D0.6-3-D4-50L-2T	0.6	1.2	3	0.57	4	50	2
D0.6-3.5-D4-50L-2T	0.6	1.2	3.5	0.57	4	50	2
D0.6-4-D4-50L-2T	0.6	1.2	4	0.57	4	50	2
D0.6-4.5-D4-50L-2T	0.6	1.2	4.5	0.57	4	50	2
D0.6-5-D4-50L-2T	0.6	1.2	5	0.57	4	50	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.6-5.5-D4-50L-2T	0.6	1.2	5.5	0.57	4	50	2
D0.6-6-D4-50L-2T	0.6	1.2	6	0.57	4	50	2
D0.6-7-D4-50L-2T	0.6	1.2	7	0.57	4	50	2
D0.6-8-D4-50L-2T	0.6	1.2	8	0.57	4	50	2
D0.6-9-D4-50L-2T	0.6	1.2	9	0.57	4	50	2
D0.6-10-D4-50L-2T	0.6	1.2	10	0.57	4	50	2
D0.6-11-D4-50L-2T	0.6	1.2	11	0.57	4	50	2
D0.6-12-D4-50L-2T	0.6	1.2	12	0.57	4	50	2
D0.7-2-D4-50L-2T	0.7	1.4	2	0.67	4	50	2
D0.7-3-D4-50L-2T	0.7	1.4	3	0.67	4	50	2
D0.7-3.5-D4-50L-2T	0.7	1.4	3.5	0.67	4	50	2
D0.7-4-D4-50L-2T	0.7	1.4	4	0.67	4	50	2
D0.7-4.5-D4-50L-2T	0.7	1.4	4.5	0.67	4	50	2
D0.7-5-D4-50L-2T	0.7	1.4	5	0.67	4	50	2
D0.7-5.5-D4-50L-2T	0.7	1.4	5.5	0.67	4	50	2
D0.7-6-D4-50L-2T	0.7	1.4	6	0.67	4	50	2
D0.7-7-D4-50L-2T	0.7	1.4	7	0.67	4	50	2
D0.7-8-D4-50L-2T	0.7	1.4	8	0.67	4	50	2
D0.7-9-D4-50L-2T	0.7	1.4	9	0.67	4	50	2
D0.7-10-D4-50L-2T	0.7	1.4	10	0.67	4	50	2
D0.7-11-D4-50L-2T	0.7	1.4	11	0.67	4	50	2
D0.7-12-D4-50L-2T	0.7	1.4	12	0.67	4	50	2
D0.8-2-D4-50L-2T	0.8	1.6	2	0.77	4	50	2
D0.8-2.5-D4-50L-2T	0.8	1.6	2.5	0.77	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—	—

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.8-3-D4-50L-2T	0.8	1.6	3	0.77	4	50	2
D0.8-3.5-D4-50L-2T	0.8	1.6	3.5	0.77	4	50	2
D0.8-4-D4-50L-2T	0.8	1.6	4	0.77	4	50	2
D0.8-4.5-D4-50L-2T	0.8	1.6	4.5	0.77	4	50	2
D0.8-5-D4-50L-2T	0.8	1.6	5	0.77	4	50	2
D0.8-5.5-D4-50L-2T	0.8	1.6	5.5	0.77	4	50	2
D0.8-6-D4-50L-2T	0.8	1.6	6	0.77	4	50	2
D0.8-7-D4-50L-2T	0.8	1.6	7	0.77	4	50	2
D0.8-8-D4-50L-2T	0.8	1.6	8	0.77	4	50	2
D0.8-9-D4-50L-2T	0.8	1.6	9	0.77	4	50	2
D0.8-10-D4-50L-2T	0.8	1.6	10	0.77	4	50	2
D0.8-11-D4-50L-2T	0.8	1.6	11	0.77	4	50	2
D0.8-12-D4-50L-2T	0.8	1.6	12	0.77	4	50	2
D0.9-3-D4-50L-2T	0.9	1.8	3	0.87	4	50	2
D0.9-4-D4-50L-2T	0.9	1.8	4	0.87	4	50	2
D0.9-5-D4-50L-2T	0.9	1.8	5	0.87	4	50	2
D0.9-6-D4-50L-2T	0.9	1.8	6	0.87	4	50	2
D0.9-7-D4-50L-2T	0.9	1.8	7	0.87	4	50	2
D0.9-8-D4-50L-2T	0.9	1.8	8	0.87	4	50	2
D0.9-9-D4-50L-2T	0.9	1.8	9	0.87	4	50	2
D0.9-10-D4-50L-2T	0.9	1.8	10	0.87	4	50	2
D1-4-D4-50L-2T	1	2	4	0.97	4	50	2
D1-5-D4-50L-2T	1	2	5	0.97	4	50	2
D1-6-D4-50L-2T	1	2	6	0.97	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—	—

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1-7-D4-50L-2T	1	2	7	0.97	4	50	2
D1-8-D4-50L-2T	1	2	8	0.97	4	50	2
D1-10-D4-50L-2T	1	2	10	0.97	4	50	2
D1-12-D4-50L-2T	1	2	12	0.97	4	50	2
D1-14-D4-50L-2T	1	2	14	0.97	4	50	2
D1-15-D4-50L-2T	1	2	15	0.97	4	50	2
D1-16-D4-50L-2T	1	2	16	0.97	4	50	2
D1-18-D4-50L-2T	1	2	18	0.97	4	50	2
D1-20-D4-50L-2T	1	2	20	0.97	4	50	2
D1-22-D4-60L-2T	1	2	22	0.97	4	60	2
D1-25-D4-60L-2T	1	2	25	0.97	4	60	2
D1-30-D4-60L-2T	1	2	30	0.97	4	60	2
D1.1-6-D4-50L-2T	1.1	2.2	6	1.065	4	50	2
D1.1-8-D4-50L-2T	1.1	2.2	8	1.065	4	50	2
D1.1-10-D4-50L-2T	1.1	2.2	10	1.065	4	50	2
D1.1-12-D4-50L-2T	1.1	2.2	12	1.065	4	50	2
D1.1-14-D4-50L-2T	1.1	2.2	14	1.065	4	50	2
D1.1-16-D4-50L-2T	1.1	2.2	16	1.065	4	50	2
D1.1-18-D4-50L-2T	1.1	2.2	18	1.065	4	50	2
D1.1-20-D4-50L-2T	1.1	2.2	20	1.065	4	50	2
D1.2-6-D4-50L-2T	1.2	2.4	6	1.165	4	50	2
D1.2-8-D4-50L-2T	1.2	2.4	8	1.165	4	50	2
D1.2-10-D4-50L-2T	1.2	2.4	10	1.165	4	50	2
D1.2-12-D4-50L-2T	1.2	2.4	12	1.165	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



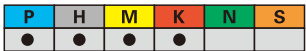
Specification	CED	CEL	LN	ND	SD	OAL	F
D1.2-14-D4-50L-2T	1.2	2.4	14	1.165	4	50	2
D1.2-16-D4-50L-2T	1.2	2.4	16	1.165	4	50	2
D1.2-18-D4-50L-2T	1.2	2.4	18	1.165	4	50	2
D1.2-20-D4-50L-2T	1.2	2.4	20	1.165	4	50	2
D1.3-6-D4-50L-2T	1.3	2.6	6	1.265	4	50	2
D1.3-8-D4-50L-2T	1.3	2.6	8	1.265	4	50	2
D1.3-10-D4-50L-2T	1.3	2.6	10	1.265	4	50	2
D1.3-12-D4-50L-2T	1.3	2.6	12	1.265	4	50	2
D1.3-14-D4-50L-2T	1.3	2.6	14	1.265	4	50	2
D1.3-16-D4-50L-2T	1.3	2.6	16	1.265	4	50	2
D1.3-18-D4-50L-2T	1.3	2.6	18	1.265	4	50	2
D1.3-20-D4-50L-2T	1.3	2.6	20	1.265	4	50	2
D1.4-6-D4-50L-2T	1.4	2.8	6	1.365	4	50	2
D1.4-8-D4-50L-2T	1.4	2.8	8	1.365	4	50	2
D1.4-10-D4-50L-2T	1.4	2.8	10	1.365	4	50	2
D1.4-12-D4-50L-2T	1.4	2.8	12	1.365	4	50	2
D1.4-14-D4-50L-2T	1.4	2.8	14	1.365	4	50	2
D1.4-16-D4-50L-2T	1.4	2.8	16	1.365	4	50	2
D1.4-18-D4-50L-2T	1.4	2.8	18	1.365	4	50	2
D1.4-20-D4-50L-2T	1.4	2.8	20	1.365	4	50	2
D1.5-6-D4-50L-2T	1.5	3	6	1.465	4	50	2
D1.5-8-D4-50L-2T	1.5	3	8	1.465	4	50	2
D1.5-10-D4-50L-2T	1.5	3	10	1.465	4	50	2
D1.5-12-D4-50L-2T	1.5	3	12	1.465	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	G0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1.5-14-D4-50L-2T	1.5	3	14	1.465	4	50	2
D1.5-15-D4-50L-2T	1.5	3	15	1.465	4	50	2
D1.5-16-D4-50L-2T	1.5	3	16	1.465	4	50	2
D1.5-18-D4-50L-2T	1.5	3	18	1.465	4	50	2
D1.5-20-D4-50L-2T	1.5	3	20	1.465	4	50	2
D1.5-22-D4-60L-2T	1.5	3	22	1.465	4	60	2
D1.5-25-D4-60L-2T	1.5	3	25	1.465	4	60	2
D1.5-30-D4-60L-2T	1.5	3	30	1.465	4	60	2
D1.6-6-D4-50L-2T	1.6	3.2	6	1.565	4	50	2
D1.6-8-D4-50L-2T	1.6	3.2	8	1.565	4	50	2
D1.6-10-D4-50L-2T	1.6	3.2	10	1.565	4	50	2
D1.6-12-D4-50L-2T	1.6	3.2	12	1.565	4	50	2
D1.6-14-D4-50L-2T	1.6	3.2	14	1.565	4	50	2
D1.6-16-D4-50L-2T	1.6	3.2	16	1.565	4	50	2
D1.6-18-D4-50L-2T	1.6	3.2	18	1.565	4	50	2
D1.6-20-D4-50L-2T	1.6	3.2	20	1.565	4	50	2
D1.7-8-D4-50L-2T	1.7	3.4	8	1.665	4	50	2
D1.7-10-D4-50L-2T	1.7	3.4	10	1.665	4	50	2
D1.7-12-D4-50L-2T	1.7	3.4	12	1.665	4	50	2
D1.7-14-D4-50L-2T	1.7	3.4	14	1.665	4	50	2
D1.7-16-D4-50L-2T	1.7	3.4	16	1.665	4	50	2
D1.7-18-D4-50L-2T	1.7	3.4	18	1.665	4	50	2
D1.7-20-D4-50L-2T	1.7	3.4	20	1.665	4	50	2
D1.8-8-D4-50L-2T	1.8	3.6	8	1.765	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



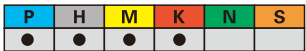
Specification	CED	CEL	LN	ND	SD	OAL	F
D1.8-10-D4-50L-2T	1.8	3.6	10	1.765	4	50	2
D1.8-12-D4-50L-2T	1.8	3.6	12	1.765	4	50	2
D1.8-14-D4-50L-2T	1.8	3.6	14	1.765	4	50	2
D1.8-16-D4-50L-2T	1.8	3.6	16	1.765	4	50	2
D1.8-18-D4-50L-2T	1.8	3.6	18	1.765	4	50	2
D1.8-20-D4-50L-2T	1.8	3.6	20	1.765	4	50	2
D1.9-8-D4-50L-2T	1.9	3.8	8	1.865	4	50	2
D1.9-10-D4-50L-2T	1.9	3.8	10	1.865	4	50	2
D1.9-12-D4-50L-2T	1.9	3.8	12	1.865	4	50	2
D1.9-14-D4-50L-2T	1.9	3.8	14	1.865	4	50	2
D1.9-16-D4-50L-2T	1.9	3.8	16	1.865	4	50	2
D1.9-18-D4-50L-2T	1.9	3.8	18	1.865	4	50	2
D1.9-20-D4-50L-2T	1.9	3.8	20	1.865	4	50	2
D2-8-D4-50L-2T	2	4	8	1.96	4	50	2
D2-10-D4-50L-2T	2	4	10	1.96	4	50	2
D2-12-D4-50L-2T	2	4	12	1.96	4	50	2
D2-14-D4-50L-2T	2	4	14	1.96	4	50	2
D2-15-D4-50L-2T	2	4	15	1.96	4	50	2
D2-16-D4-50L-2T	2	4	16	1.96	4	50	2
D2-18-D4-50L-2T	2	4	18	1.96	4	50	2
D2-20-D4-50L-2T	2	4	20	1.96	4	50	2
D2-22-D4-60L-2T	2	4	22	1.96	4	60	2
D2-25-D4-60L-2T	2	4	25	1.96	4	60	2
D2-30-D4-60L-2T	2	4	30	1.96	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●	●	●			

YP552LG Carbide Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D2.5-8-D4-50L-2T	2.5	5	8	2.46	4	50	2
D2.5-10-D4-50L-2T	2.5	5	10	2.46	4	50	2
D2.5-12-D4-50L-2T	2.5	5	12	2.46	4	50	2
D2.5-14-D4-50L-2T	2.5	5	14	2.46	4	50	2
D2.5-16-D4-50L-2T	2.5	5	16	2.46	4	50	2
D2.5-18-D4-50L-2T	2.5	5	18	2.46	4	50	2
D2.5-20-D4-50L-2T	2.5	5	20	2.46	4	50	2
D2.5-22-D4-60L-2T	2.5	5	22	2.46	4	60	2
D2.5-25-D4-60L-2T	2.5	5	25	2.46	4	60	2
D2.5-30-D4-60L-2T	2.5	5	30	2.46	4	60	2
D3-10-D4-50L-2T	3	6	10	2.95	4	50	2
D3-12-D4-50L-2T	3	6	12	2.95	4	50	2
D3-14-D4-50L-2T	3	6	14	2.95	4	50	2
D3-15-D4-50L-2T	3	6	15	2.95	4	50	2
D3-16-D4-50L-2T	3	6	16	2.95	4	50	2
D3-18-D4-50L-2T	3	6	18	2.95	4	50	2
D3-20-D4-50L-2T	3	6	20	2.95	4	50	2
D3-22-D4-60L-2T	3	6	22	2.95	4	60	2
D3-25-D4-60L-2T	3	6	25	2.95	4	60	2
D3-30-D4-60L-2T	3	6	30	2.95	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCI	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	—	—

YP602LG Hardened Material Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.2-1-D4-50L-2T	0.2	0.4	1	0.175	4	50	2
D0.2-1.5-D4-50L-2T	0.2	0.4	1.5	0.175	4	50	2
D0.2-2-D4-50L-2T	0.2	0.4	2	0.175	4	50	2
D0.2-2.5-D4-50L-2T	0.2	0.4	2.5	0.175	4	50	2
D0.2-3-D4-50L-2T	0.2	0.4	3	0.175	4	50	2
D0.3-1-D4-50L-2T	0.3	0.6	1	0.275	4	50	2
D0.3-1.5-D4-50L-2T	0.3	0.6	1.5	0.275	4	50	2
D0.3-2-D4-50L-2T	0.3	0.6	2	0.275	4	50	2
D0.3-2.5-D4-50L-2T	0.3	0.6	2.5	0.275	4	50	2
D0.3-3-D4-50L-2T	0.3	0.6	3	0.275	4	50	2
D0.3-3.5-D4-50L-2T	0.3	0.6	3.5	0.275	4	50	2
D0.3-4-D4-50L-2T	0.3	0.6	4	0.275	4	50	2
D0.3-4.5-D4-50L-2T	0.3	0.6	4.5	0.275	4	50	2
D0.3-5-D4-50L-2T	0.3	0.6	5	0.275	4	50	2
D0.3-5.5-D4-50L-2T	0.3	0.6	5.5	0.275	4	50	2
D0.3-6-D4-50L-2T	0.3	0.6	6	0.275	4	50	2
D0.4-1.5-D4-50L-2T	0.4	0.8	1.5	0.375	4	50	2
D0.4-2-D4-50L-2T	0.4	0.8	2	0.375	4	50	2
D0.4-2.5-D4-50L-2T	0.4	0.8	2.5	0.375	4	50	2
D0.4-3-D4-50L-2T	0.4	0.8	3	0.375	4	50	2
D0.4-3.5-D4-50L-2T	0.4	0.8	3.5	0.375	4	50	2
D0.4-4-D4-50L-2T	0.4	0.8	4	0.375	4	50	2
D0.4-4.5-D4-50L-2T	0.4	0.8	4.5	0.375	4	50	2
D0.4-5-D4-50L-2T	0.4	0.8	5	0.375	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCI	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	—	—

YP602LG Hardened Material Long Neck Endmills (2F)



Technical Specification



P	H	M	K	N	S
●	●		●		●

Specification	CED	CEL	LN	ND	SD	OAL	F
D0.4-6-D4-50L-2T	0.4	0.8	5.5	0.375	4	50	2
D0.4-6-D4-50L-2T	0.4	0.8	6	0.375	4	50	2
D0.5-1.5-D4-50L-2T	0.5	1	1.5	0.47	4	50	2
D0.5-2-D4-50L-2T	0.5	1	2	0.47	4	50	2
D0.5-2.5-D4-50L-2T	0.5	1	2.5	0.47	4	50	2
D0.5-3-D4-50L-2T	0.5	1	3	0.47	4	50	2
D0.5-3.5-D4-50L-2T	0.5	1	3.5	0.47	4	50	2
D0.5-4-D4-50L-2T	0.5	1	4	0.47	4	50	2
D0.5-4.5-D4-50L-2T	0.5	1	4.5	0.47	4	50	2
D0.5-5-D4-50L-2T	0.5	1	5	0.47	4	50	2
D0.5-5.5-D4-50L-2T	0.5	1	5.5	0.47	4	50	2
D0.5-6-D4-50L-2T	0.5	1	6	0.47	4	50	2
D0.5-7-D4-50L-2T	0.5	1	7	0.47	4	50	2
D0.5-8-D4-50L-2T	0.5	1	8	0.47	4	50	2
D0.5-9-D4-50L-2T	0.5	1	9	0.47	4	50	2
D0.5-10-D4-50L-2T	0.5	1	10	0.47	4	50	2
D0.5-12-D4-50L-2T	0.5	1	12	0.47	4	50	2
D0.6-2-D4-50L-2T	0.6	1.2	2	0.57	4	50	2
D0.6-2.5-D4-50L-2T	0.6	1.2	2.5	0.57	4	50	2
D0.6-3-D4-50L-2T	0.6	1.2	3	0.57	4	50	2
D0.6-3.5-D4-50L-2T	0.6	1.2	3.5	0.57	4	50	2
D0.6-4-D4-50L-2T	0.6	1.2	4	0.57	4	50	2
D0.6-4.5-D4-50L-2T	0.6	1.2	4.5	0.57	4	50	2
D0.6-5-D4-50L-2T	0.6	1.2	5	0.57	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●			●

YP602LG Hardened Material Long Neck Endmills (2F)



Technical Specification



P	H	M	K	N	S
●	●		●		●

Specification	CED	CEL	LN	ND	SD	OAL	F
D0.6-5.5-D4-50L-2T	0.6	1.2	5.5	0.57	4	50	2
D0.6-6-D4-50L-2T	0.6	1.2	6	0.57	4	50	2
D0.6-7-D4-50L-2T	0.6	1.2	7	0.57	4	50	2
D0.6-8-D4-50L-2T	0.6	1.2	8	0.57	4	50	2
D0.6-9-D4-50L-2T	0.6	1.2	9	0.57	4	50	2
D0.6-10-D4-50L-2T	0.6	1.2	10	0.57	4	50	2
D0.6-11-D4-50L-2T	0.6	1.2	11	0.57	4	50	2
D0.6-12-D4-50L-2T	0.6	1.2	12	0.57	4	50	2
D0.7-2-D4-50L-2T	0.7	1.4	2	0.67	4	50	2
D0.7-3-D4-50L-2T	0.7	1.4	3	0.67	4	50	2
D0.7-3.5-D4-50L-2T	0.7	1.4	3.5	0.67	4	50	2
D0.7-4-D4-50L-2T	0.7	1.4	4	0.67	4	50	2
D0.7-4.5-D4-50L-2T	0.7	1.4	4.5	0.67	4	50	2
D0.7-5-D4-50L-2T	0.7	1.4	5	0.67	4	50	2
D0.7-5.5-D4-50L-2T	0.7	1.4	5.5	0.67	4	50	2
D0.7-6-D4-50L-2T	0.7	1.4	6	0.67	4	50	2
D0.7-7-D4-50L-2T	0.7	1.4	7	0.67	4	50	2
D0.7-8-D4-50L-2T	0.7	1.4	8	0.67	4	50	2
D0.7-9-D4-50L-2T	0.7	1.4	9	0.67	4	50	2
D0.7-10-D4-50L-2T	0.7	1.4	10	0.67	4	50	2
D0.7-11-D4-50L-2T	0.7	1.4	11	0.67	4	50	2
D0.7-12-D4-50L-2T	0.7	1.4	12	0.67	4	50	2
D0.8-2-D4-50L-2T	0.8	1.6	2	0.77	4	50	2
D0.8-2.5-D4-50L-2T	0.8	1.6	2.5	0.77	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●			●

YP602LG Hardened Material Long Neck Endmills (2F)



Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D0.8-3-D4-50L-2T	0.8	1.6	3	0.77	4	50	2
D0.8-3.5-D4-50L-2T	0.8	1.6	3.5	0.77	4	50	2
D0.8-4-D4-50L-2T	0.8	1.6	4	0.77	4	50	2
D0.8-4.5-D4-50L-2T	0.8	1.6	4.5	0.77	4	50	2
D0.8-5-D4-50L-2T	0.8	1.6	5	0.77	4	50	2
D0.8-5.5-D4-50L-2T	0.8	1.6	5.5	0.77	4	50	2
D0.8-6-D4-50L-2T	0.8	1.6	6	0.77	4	50	2
D0.8-7-D4-50L-2T	0.8	1.6	7	0.77	4	50	2
D0.8-8-D4-50L-2T	0.8	1.6	8	0.77	4	50	2
D0.8-9-D4-50L-2T	0.8	1.6	9	0.77	4	50	2
D0.8-10-D4-50L-2T	0.8	1.6	10	0.77	4	50	2
D0.8-11-D4-50L-2T	0.8	1.6	11	0.77	4	50	2
D0.8-12-D4-50L-2T	0.8	1.6	12	0.77	4	50	2
D0.9-3-D4-50L-2T	0.9	1.8	3	0.87	4	50	2
D0.9-4-D4-50L-2T	0.9	1.8	4	0.87	4	50	2
D0.9-5-D4-50L-2T	0.9	1.8	5	0.87	4	50	2
D0.9-6-D4-50L-2T	0.9	1.8	6	0.87	4	50	2
D0.9-7-D4-50L-2T	0.9	1.8	7	0.87	4	50	2
D0.9-8-D4-50L-2T	0.9	1.8	8	0.87	4	50	2
D0.9-9-D4-50L-2T	0.9	1.8	9	0.87	4	50	2
D0.9-10-D4-50L-2T	0.9	1.8	10	0.87	4	50	2
D1-4-D4-50L-2T	1	2	4	0.97	4	50	2
D1-5-D4-50L-2T	1	2	5	0.97	4	50	2
D1-6-D4-50L-2T	1	2	6	0.97	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	●	○	○	●	●	●	●					●

YP602LG Hardened Material Long Neck Endmills (2F)



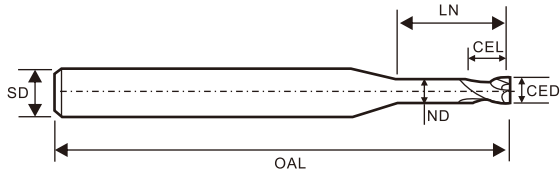
Technical Specification



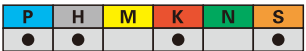
Specification	CED	CEL	LN	ND	SD	OAL	F
D1-7-D4-50L-2T	1	2	7	0.97	4	50	2
D1-8-D4-50L-2T	1	2	8	0.97	4	50	2
D1-10-D4-50L-2T	1	2	10	0.97	4	50	2
D1-12-D4-50L-2T	1	2	12	0.97	4	50	2
D1-14-D4-50L-2T	1	2	14	0.97	4	50	2
D1-15-D4-50L-2T	1	2	15	0.97	4	50	2
D1-16-D4-50L-2T	1	2	16	0.97	4	50	2
D1-18-D4-50L-2T	1	2	18	0.97	4	50	2
D1-20-D4-50L-2T	1	2	20	0.97	4	50	2
D1-22-D4-60L-2T	1	2	22	0.97	4	60	2
D1-25-D4-60L-2T	1	2	25	0.97	4	60	2
D1-30-D4-60L-2T	1	2	30	0.97	4	60	2
D1.1-6-D4-50L-2T	1.1	2.2	6	1.065	4	50	2
D1.1-8-D4-50L-2T	1.1	2.2	8	1.065	4	50	2
D1.1-10-D4-50L-2T	1.1	2.2	10	1.065	4	50	2
D1.1-12-D4-50L-2T	1.1	2.2	12	1.065	4	50	2
D1.1-14-D4-50L-2T	1.1	2.2	14	1.065	4	50	2
D1.1-16-D4-50L-2T	1.1	2.2	16	1.065	4	50	2
D1.1-18-D4-50L-2T	1.1	2.2	18	1.065	4	50	2
D1.1-20-D4-50L-2T	1.1	2.2	20	1.065	4	50	2
D1.2-6-D4-50L-2T	1.2	2.4	6	1.165	4	50	2
D1.2-8-D4-50L-2T	1.2	2.4	8	1.165	4	50	2
D1.2-10-D4-50L-2T	1.2	2.4	10	1.165	4	50	2
D1.2-12-D4-50L-2T	1.2	2.4	12	1.165	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	●	○	○	●	●	●	●					●

YP602LG Hardened Material Long Neck Endmills (2F)



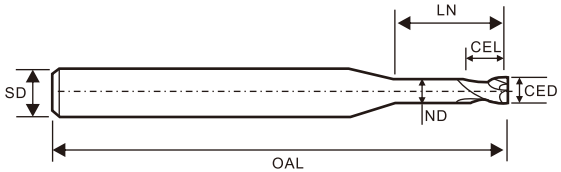
Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D1.2-14-D4-50L-2T	1.2	2.4	14	1.165	4	50	2
D1.2-16-D4-50L-2T	1.2	2.4	16	1.165	4	50	2
D1.2-18-D4-50L-2T	1.2	2.4	18	1.165	4	50	2
D1.2-20-D4-50L-2T	1.2	2.4	20	1.165	4	50	2
D1.3-6-D4-50L-2T	1.3	2.6	6	1.265	4	50	2
D1.3-8-D4-50L-2T	1.3	2.6	8	1.265	4	50	2
D1.3-10-D4-50L-2T	1.3	2.6	10	1.265	4	50	2
D1.3-12-D4-50L-2T	1.3	2.6	12	1.265	4	50	2
D1.3-14-D4-50L-2T	1.3	2.6	14	1.265	4	50	2
D1.3-16-D4-50L-2T	1.3	2.6	16	1.265	4	50	2
D1.3-18-D4-50L-2T	1.3	2.6	18	1.265	4	50	2
D1.3-20-D4-50L-2T	1.3	2.6	20	1.265	4	50	2
D1.4-6-D4-50L-2T	1.4	2.8	6	1.365	4	50	2
D1.4-8-D4-50L-2T	1.4	2.8	8	1.365	4	50	2
D1.4-10-D4-50L-2T	1.4	2.8	10	1.365	4	50	2
D1.4-12-D4-50L-2T	1.4	2.8	12	1.365	4	50	2
D1.4-14-D4-50L-2T	1.4	2.8	14	1.365	4	50	2
D1.4-16-D4-50L-2T	1.4	2.8	16	1.365	4	50	2
D1.4-18-D4-50L-2T	1.4	2.8	18	1.365	4	50	2
D1.4-20-D4-50L-2T	1.4	2.8	20	1.365	4	50	2
D1.5-6-D4-50L-2T	1.5	3	6	1.465	4	50	2
D1.5-8-D4-50L-2T	1.5	3	8	1.465	4	50	2
D1.5-10-D4-50L-2T	1.5	3	10	1.465	4	50	2
D1.5-12-D4-50L-2T	1.5	3	12	1.465	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●			●

YP602LG Hardened Material Long Neck Endmills (2F)



Technical Specification

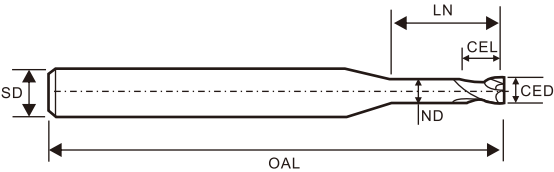


Specification	CED	CEL	LN	ND	SD	OAL	F
D1.5-14-D4-50L-2T	1.5	3	14	1.465	4	50	2
D1.5-15-D4-50L-2T	1.5	3	15	1.465	4	50	2
D1.5-16-D4-50L-2T	1.5	3	16	1.465	4	50	2
D1.5-18-D4-50L-2T	1.5	3	18	1.465	4	50	2
D1.5-20-D4-50L-2T	1.5	3	20	1.465	4	50	2
D1.5-22-D4-60L-2T	1.5	3	22	1.465	4	60	2
D1.5-25-D4-60L-2T	1.5	3	25	1.465	4	60	2
D1.5-30-D4-60L-2T	1.5	3	30	1.465	4	60	2
D1.6-6-D4-50L-2T	1.6	3.2	6	1.565	4	50	2
D1.6-8-D4-50L-2T	1.6	3.2	8	1.565	4	50	2
D1.6-10-D4-50L-2T	1.6	3.2	10	1.565	4	50	2
D1.6-12-D4-50L-2T	1.6	3.2	12	1.565	4	50	2
D1.6-14-D4-50L-2T	1.6	3.2	14	1.565	4	50	2
D1.6-16-D4-50L-2T	1.6	3.2	16	1.565	4	50	2
D1.6-18-D4-50L-2T	1.6	3.2	18	1.565	4	50	2
D1.6-20-D4-50L-2T	1.6	3.2	20	1.565	4	50	2
D1.7-8-D4-50L-2T	1.7	3.4	8	1.665	4	50	2
D1.7-10-D4-50L-2T	1.7	3.4	10	1.665	4	50	2
D1.7-12-D4-50L-2T	1.7	3.4	12	1.665	4	50	2
D1.7-14-D4-50L-2T	1.7	3.4	14	1.665	4	50	2
D1.7-16-D4-50L-2T	1.7	3.4	16	1.665	4	50	2
D1.7-18-D4-50L-2T	1.7	3.4	18	1.665	4	50	2
D1.7-20-D4-50L-2T	1.7	3.4	20	1.665	4	50	2
D1.8-8-D4-50L-2T	1.8	3.6	8	1.765	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●			●



YP602LG Hardened Material Long Neck Endmills (2F)



Technical Specification

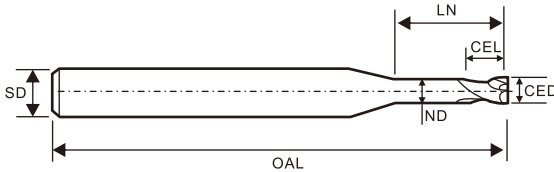


Specification	CED	CEL	LN	ND	SD	OAL	F
D1.8-10-D4-50L-2T	1.8	3.6	10	1.765	4	50	2
D1.8-12-D4-50L-2T	1.8	3.6	12	1.765	4	50	2
D1.8-14-D4-50L-2T	1.8	3.6	14	1.765	4	50	2
D1.8-16-D4-50L-2T	1.8	3.6	16	1.765	4	50	2
D1.8-18-D4-50L-2T	1.8	3.6	18	1.765	4	50	2
D1.8-20-D4-50L-2T	1.8	3.6	20	1.765	4	50	2
D1.9-8-D4-50L-2T	1.9	3.8	8	1.865	4	50	2
D1.9-10-D4-50L-2T	1.9	3.8	10	1.865	4	50	2
D1.9-12-D4-50L-2T	1.9	3.8	12	1.865	4	50	2
D1.9-14-D4-50L-2T	1.9	3.8	14	1.865	4	50	2
D1.9-16-D4-50L-2T	1.9	3.8	16	1.865	4	50	2
D1.9-18-D4-50L-2T	1.9	3.8	18	1.865	4	50	2
D1.9-20-D4-50L-2T	1.9	3.8	20	1.865	4	50	2
D2-8-D4-50L-2T	2	4	8	1.96	4	50	2
D2-10-D4-50L-2T	2	4	10	1.96	4	50	2
D2-12-D4-50L-2T	2	4	12	1.96	4	50	2
D2-14-D4-50L-2T	2	4	14	1.96	4	50	2
D2-15-D4-50L-2T	2	4	15	1.96	4	50	2
D2-16-D4-50L-2T	2	4	16	1.96	4	50	2
D2-18-D4-50L-2T	2	4	18	1.96	4	50	2
D2-20-D4-50L-2T	2	4	20	1.96	4	50	2
D2-22-D4-60L-2T	2	4	22	1.96	4	60	2
D2-25-D4-60L-2T	2	4	25	1.96	4	60	2
D2-30-D4-60L-2T	2	4	30	1.96	4	60	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●



YP602LG Hardened Material Long Neck Endmills (2F)



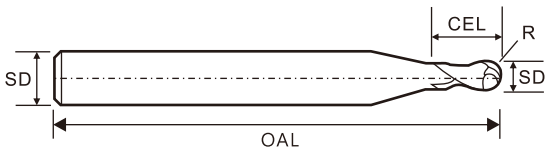
Technical Specification



Specification	CED	CEL	LN	ND	SD	OAL	F
D2.5-8-D4-50L-2T	2.5	5	8	2.46	4	50	2
D2.5-10-D4-50L-2T	2.5	5	10	2.46	4	50	2
D2.5-12-D4-50L-2T	2.5	5	12	2.46	4	50	2
D2.5-14-D4-50L-2T	2.5	5	14	2.46	4	50	2
D2.5-16-D4-50L-2T	2.5	5	16	2.46	4	50	2
D2.5-18-D4-50L-2T	2.5	5	18	2.46	4	50	2
D2.5-20-D4-50L-2T	2.5	5	20	2.46	4	50	2
D2.5-22-D4-60L-2T	2.5	5	22	2.46	4	60	2
D2.5-25-D4-60L-2T	2.5	5	25	2.46	4	60	2
D2.5-30-D4-60L-2T	2.5	5	30	2.46	4	60	2
D3-10-D4-50L-2T	3	6	10	2.95	4	50	2
D3-12-D4-50L-2T	3	6	12	2.95	4	50	2
D3-14-D4-50L-2T	3	6	14	2.95	4	50	2
D3-15-D4-50L-2T	3	6	15	2.95	4	50	2
D3-16-D4-50L-2T	3	6	16	2.95	4	50	2
D3-18-D4-50L-2T	3	6	18	2.95	4	50	2
D3-20-D4-50L-2T	3	6	20	2.95	4	50	2
D3-22-D4-60L-2T	3	6	22	2.95	4	60	2
D3-25-D4-60L-2T	3	6	25	2.95	4	60	2
D3-30-D4-60L-2T	3	6	30	2.95	4	60	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YP552MB Micro Diameter Ball Endmills (2F)



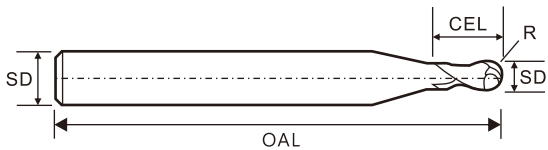
Technical Specification



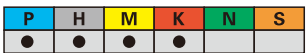
Specification	CED	CEL	SD	OAL	F
R0.14-0.56-D4-50L-2T	R0.14	0.56	4	50	2
R0.15-0.6-D4-50L-2T	R0.15	0.6	4	50	2
R0.16-0.64-D4-50L-2T	R0.16	0.64	4	50	2
R0.175-0.7-D4-50L-2T	R0.175	0.7	4	50	2
R0.18-0.72-D4-50L-2T	R0.18	0.72	4	50	2
R0.2-0.8-D4-50L-2T	R0.2	0.8	4	50	2
R0.225-0.9-D4-50L-2T	R0.225	0.9	4	50	2
R0.23-0.92-D4-50L-2T	R0.23	0.92	4	50	2
R0.25-1-D4-50L-2T	R0.25	1	4	50	2
R0.275-1.1-D4-50L-2T	R0.275	1.1	4	50	2
R0.28-1.12-D4-50L-2T	R0.28	1.12	4	50	2
R0.3-1.2-D4-50L-2T	R0.3	1.2	4	50	2
R0.31-1.24-D4-50L-2T	R0.31	1.24	4	50	2
R0.325-1.3-D4-50L-2T	R0.325	1.3	4	50	2
R0.34-1.36-D4-50L-2T	R0.34	1.36	4	50	2
R0.35-1.4-D4-50L-2T	R0.35	1.4	4	50	2
R0.36-1.44-D4-50L-2T	R0.36	1.44	4	50	2
R0.375-1.5-D4-50L-2T	R0.375	1.5	4	50	2
R0.4-1.6-D4-50L-2T	R0.4	1.6	4	50	2
R0.41-1.64-D4-50L-2T	R0.41	1.64	4	50	2
R0.425-1.7-D4-50L-2T	R0.425	1.7	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	—	—

YP552MB Micro Diameter Ball Endmills (2F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
R0.45-1.8-D4-50L-2T	R0.45	1.8	4	50	2
R0.475-1.9-D4-50L-2T	R0.475	1.9	4	50	2
R0.525-2.1-D4-50L-2T	R0.525	2.1	4	50	2
R0.55-2.2-D4-50L-2T	R0.55	2.2	4	50	2
R0.575-2.3-D4-50L-2T	R0.575	2.3	4	50	2
R0.58-2.32-D4-50L-2T	R0.58	2.32	4	50	2
R0.6-2.4-D4-50L-2T	R0.6	2.4	4	50	2
R0.625-2.5-D4-50L-2T	R0.625	2.5	4	50	2
R0.65-2.6-D4-50L-2T	R0.65	2.6	4	50	2
R0.675-2.7-D4-50L-2T	R0.675	2.7	4	50	2
R0.7-2.8-D4-50L-2T	R0.7	2.8	4	50	2
R0.725-2.9-D4-50L-2T	R0.725	2.9	4	50	2
R0.74-2.96-D4-50L-2T	R0.74	2.96	4	50	2
R0.8-3.2-D4-50L-2T	R0.8	3.2	4	50	2
R0.825-3.3-D4-50L-2T	R0.825	3.3	4	50	2
R0.85-3.4-D4-50L-2T	R0.85	3.4	4	50	2
R0.875-3.5-D4-50L-2T	R0.875	3.5	4	50	2
R0.88-3.52-D4-50L-2T	R0.88	3.52	4	50	2
R0.9-3.6-D4-50L-2T	R0.9	3.6	4	50	2
R0.925-3.7-D4-50L-2T	R0.925	3.7	4	50	2
R0.95-3.8-D4-50L-2T	R0.95	3.8	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	—	—

YP552MB Micro Diameter Ball Endmills (2F)





Technical Specification

MG Carbide

HRC55

AlTiN





Specification	CED	CEL	SD	OAL	F
D0.7-1.4-D4-50L-2T	0.7	1.4	4	50	2
D0.71-1.42-D4-50L-2T	0.71	1.42	4	50	2
D0.72-1.44-D4-50L-2T	0.72	1.44	4	50	2
D0.73-1.46-D4-50L-2T	0.73	1.46	4	50	2
D0.74-1.48-D4-50L-2T	0.74	1.48	4	50	2
D0.75-1-D4-50L-2T	0.75	1	4	50	2
D0.75-1.5-D4-50L-2T	0.75	1.5	4	50	2
D0.76-1.52-D4-50L-2T	0.76	1.52	4	50	2
D0.77-1.54-D4-50L-2T	0.77	1.54	4	50	2
D0.78-1.56-D4-50L-2T	0.78	1.56	4	50	2
D0.79-1.58-D4-50L-2T	0.79	1.58	4	50	2
D0.8-1.6-D4-50L-2T	0.8	1.6	4	50	2
D0.81-1.62-D4-50L-2T	0.81	1.62	4	50	2
D0.82-1.64-D4-50L-2T	0.82	1.64	4	50	2
D0.83-1.66-D4-50L-2T	0.83	1.66	4	50	2
D0.84-1.68-D4-50L-2T	0.84	1.68	4	50	2
D0.85-1.7-D4-50L-2T	0.85	1.7	4	50	2
D0.86-1.72-D4-50L-2T	0.86	1.72	4	50	2
D0.87-1.74-D4-50L-2T	0.87	1.74	4	50	2
D0.88-1.76-D4-50L-2T	0.88	1.76	4	50	2
D0.89-1.78-D4-50L-2T	0.89	1.78	4	50	2
D0.9-1.8-D4-50L-2T	0.9	1.8	4	50	2
D0.95-1.9-D4-50L-2T	0.95	1.9	4	50	2
D0.96-1.92-D4-50L-2T	0.96	1.92	4	50	2

P

H

M

K

N

S

●

●

●

●

YP602MB Hardened Micro Diameter Ball Endmills(2F)





Technical Specification

MG Carbide

HRC60

AlTiSiN





Specification	CED	CEL	SD	OAL	F
R0.15-0.6-D4-50L-2T	R0.15	0.6	4	50	2
R0.2-0.8-D4-50L-2T	R0.2	0.8	4	50	2
R0.25-1-D4-50L-2T	R0.25	1	4	50	2
R0.3-1.2-D4-50L-2T	R0.3	1.2	4	50	2
R0.35-1.4-D4-50L-2T	R0.35	1.4	4	50	2
R0.4-1.6-D4-50L-2T	R0.4	1.6	4	50	2
R0.45-1.8-D4-50L-2T	R0.45	1.8	4	50	2
R0.55-2.2-D4-50L-2T	R0.55	2.2	4	50	2
R0.6-2.4-D4-50L-2T	R0.6	2.4	4	50	2
R0.65-2.6-D4-50L-2T	R0.65	2.6	4	50	2
R0.7-2.8-D4-50L-2T	R0.7	2.8	4	50	2
R0.8-3.2-D4-50L-2T	R0.8	3.2	4	50	2
R0.85-3.4-D4-50L-2T	R0.85	3.4	4	50	2
R0.9-3.6-D4-50L-2T	R0.9	3.6	4	50	2
R0.95-3.8-D4-50L-2T	R0.95	3.8	4	50	2

P

H

M

K

N

S

●

●

●

●

●

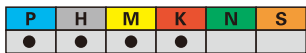
Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
●	●	●	●	●	●	○		●	●	●	●	●			

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	---
●	●	●	●	●	●	●	○	○	●	●	●	●			

YP552LGB Long Neck Ball Endmills (2F)



Technical Specification



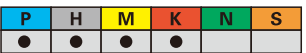
Specification	R	CEL	ND	LN	SD	OAL	F
R0.15-1-D4-50L-2T	R0.15	0.6	0.27	1	4	50	2
R0.15-1.5-D4-50L-2T	R0.15	0.6	0.27	1.5	4	50	2
R0.15-2-D4-50L-2T	R0.15	0.6	0.27	2	4	50	2
R0.15-2.5-D4-50L-2T	R0.15	0.6	0.27	2.5	4	50	2
R0.15-3-D4-50L-2T	R0.15	0.6	0.27	3	4	50	2
R0.15-4-D4-50L-2T	R0.15	0.6	0.27	4	4	50	2
R0.2-1.5-D4-50L-2T	R0.2	0.8	0.37	1.5	4	50	2
R0.2-2-D4-50L-2T	R0.2	0.8	0.37	2	4	50	2
R0.2-3-D4-50L-2T	R0.2	0.8	0.37	3	4	50	2
R0.2-4-D4-50L-2T	R0.2	0.8	0.37	4	4	50	2
R0.2-5-D4-50L-2T	R0.2	0.8	0.37	5	4	50	2
R0.2-6-D4-50L-2T	R0.2	0.8	0.37	6	4	50	2
R0.25-1.5-D4-50L-2T	R0.25	1	0.47	1.5	4	50	2
R0.25-2-D4-50L-2T	R0.25	1	0.47	2	4	50	2
R0.25-3-D4-50L-2T	R0.25	1	0.47	3	4	50	2
R0.25-4-D4-50L-2T	R0.25	1	0.47	4	4	50	2
R0.25-5-D4-50L-2T	R0.25	1	0.47	5	4	50	2
R0.25-6-D4-50L-2T	R0.25	1	0.47	6	4	50	2
R0.25-8-D4-50L-2T	R0.25	1	0.47	8	4	50	2
R0.3-2-D4-50L-2T	R0.3	1.2	0.57	2	4	50	2
R0.3-3-D4-50L-2T	R0.3	1.2	0.57	3	4	50	2
R0.3-4-D4-50L-2T	R0.3	1.2	0.57	4	4	50	2
R0.3-5-D4-50L-2T	R0.3	1.2	0.57	5	4	50	2
R0.3-6-D4-50L-2T	R0.3	1.2	0.57	6	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP552LGB Long Neck Ball Endmills (2F)



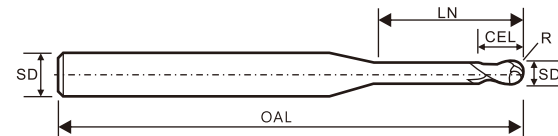
Technical Specification



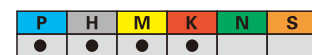
Specification	R	CEL	ND	LN	SD	OAL	F
R0.3-8-D4-50L-2T	R0.3	1.2	0.57	8	4	50	2
R0.3-10-D4-50L-2T	R0.3	1.2	0.57	10	4	50	2
R0.3-12-D4-50L-2T	R0.3	1.2	0.57	12	4	50	2
R0.4-2-D4-50L-2T	R0.4	1.6	0.77	2	4	50	2
R0.4-3-D4-50L-2T	R0.4	1.6	0.77	3	4	50	2
R0.4-4-D4-50L-2T	R0.4	1.6	0.77	4	4	50	2
R0.4-5-D4-50L-2T	R0.4	1.6	0.77	5	4	50	2
R0.4-6-D4-50L-2T	R0.4	1.6	0.77	6	4	50	2
R0.4-8-D4-50L-2T	R0.4	1.6	0.77	8	4	50	2
R0.4-10-D4-50L-2T	R0.4	1.6	0.77	10	4	50	2
R0.4-12-D4-50L-2T	R0.4	1.6	0.77	12	4	50	2
R0.5-3-D4-50L-2T	R0.5	2	0.97	3	4	50	2
R0.5-4-D4-50L-2T	R0.5	2	0.97	4	4	50	2
R0.5-5-D4-50L-2T	R0.5	2	0.97	5	4	50	2
R0.5-6-D4-50L-2T	R0.5	2	0.97	6	4	50	2
R0.5-8-D4-50L-2T	R0.5	2	0.97	8	4	50	2
R0.5-10-D4-50L-2T	R0.5	2	0.97	10	4	50	2
R0.5-12-D4-50L-2T	R0.5	2	0.97	12	4	50	2
R0.5-14-D4-50L-2T	R0.5	2	0.97	14	4	50	2
R0.5-15-D4-50L-2T	R0.5	2	0.97	15	4	50	2
R0.5-16-D4-50L-2T	R0.5	2	0.97	16	4	50	2
R0.5-18-D4-50L-2T	R0.5	2	0.97	18	4	50	2
R0.5-20-D4-50L-2T	R0.5	2	0.97	20	4	50	2
R0.5-25-D4-50L-2T	R0.5	2	0.97	25	4	60	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP552LGB Long Neck Ball Endmills (2F)



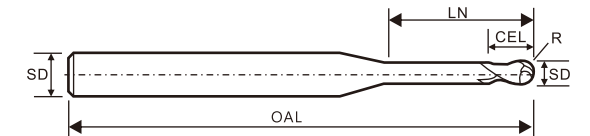
Technical Specification



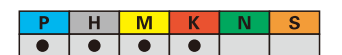
Specification	R	CEL	ND	LN	SD	OAL	F
R0.5-30-D4-50L-2T	R0.5	2	0.97	30	4	60	2
R0.6-4-D4-50L-2T	R0.6	2.4	1.165	4	4	50	2
R0.6-6-D4-50L-2T	R0.6	2.4	1.165	6	4	50	2
R0.6-8-D4-50L-2T	R0.6	2.4	1.165	8	4	50	2
R0.6-10-D4-50L-2T	R0.6	2.4	1.165	10	4	50	2
R0.6-12-D4-50L-2T	R0.6	2.4	1.165	12	4	50	2
R0.6-14-D4-50L-2T	R0.6	2.4	1.165	14	4	50	2
R0.6-16-D4-50L-2T	R0.6	2.4	1.165	16	4	50	2
R0.6-18-D4-50L-2T	R0.6	2.4	1.165	18	4	50	2
R0.6-20-D4-50L-2T	R0.6	2.4	1.165	20	4	50	2
R0.75-4-D4-50L-2T	R0.75	3	1.47	4	4	50	2
R0.75-5-D4-50L-2T	R0.75	3	1.47	5	4	50	2
R0.75-6-D4-50L-2T	R0.75	3	1.47	6	4	50	2
R0.75-8-D4-50L-2T	R0.75	3	1.47	8	4	50	2
R0.75-10-D4-50L-2T	R0.75	3	1.47	10	4	50	2
R0.75-12-D4-50L-2T	R0.75	3	1.47	12	4	50	2
R0.75-14-D4-50L-2T	R0.75	3	1.47	14	4	50	2
R0.75-15-D4-50L-2T	R0.75	3	1.47	15	4	50	2
R0.75-16-D4-50L-2T	R0.75	3	1.47	16	4	50	2
R0.75-18-D4-50L-2T	R0.75	3	1.47	18	4	50	2
R0.75-3-D4-50L-2T	R0.75	3	1.47	20	4	50	2
R0.75-25-D4-50L-2T	R0.75	3	1.47	25	4	60	2
R0.75-30-D4-50L-2T	R0.75	3	1.47	30	4	60	2
R1-6-D4-50L-2T	R1	4	1.95	6	4	50	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP552LGB Long Neck Ball Endmills (2F)



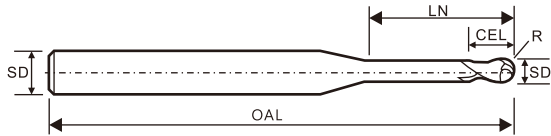
Technical Specification



Specification	R	CEL	ND	LN	SD	OAL	F
R1-8-D4-50L-2T	R1	4	1.95	8	4	50	2
R1-10-D4-50L-2T	R1	4	1.95	10	4	50	2
R1-12-D4-50L-2T	R1	4	1.95	12	4	50	2
R1-14-D4-50L-2T	R1	4	1.95	14	4	50	2
R1-15-D4-50L-2T	R1	4	1.95	15	4	50	2
R1-16-D4-50L-2T	R1	4	1.95	16	4	50	2
R1-18-D4-50L-2T	R1	4	1.95	18	4	50	2
R1-20-D4-50L-2T	R1	4	1.95	20	4	50	2
R1-25-D4-50L-2T	R1	4	1.95	25	4	60	2
R1-30-D4-50L-2T	R1	4	1.95	30	4	60	2
R1.5-8-D4-50L-2T	R1.5	6	2.95	8	4	50	2
R1.5-10-D4-50L-2T	R1.5	6	2.95	10	4	50	2
R1.5-12-D4-50L-2T	R1.5	6	2.95	12	4	50	2
R1.5-14-D4-50L-2T	R1.5	6	2.95	14	4	50	2
R1.5-15-D4-50L-2T	R1.5	6	2.95	15	4	50	2
R1.5-16-D4-50L-2T	R1.5	6	2.95	16	4	50	2
R1.5-18-D4-50L-2T	R1.5	6	2.95	18	4	50	2
R1.5-20-D4-50L-2T	R1.5	6	2.95	20	4	50	2
R1.5-25-D4-50L-2T	R1.5	6	2.95	25	4	60	2
R1.5-30-D4-50L-2T	R1.5	6	2.95	30	4	60	2

Application table of the material to be cut (Most Applicable ● / ○ Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP602LGB Hardened Material Long Neck Ball Shape Endmills (2F)



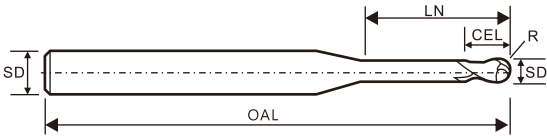
Technical Specification



Specification	R	CEL	ND	LN	SD	OAL	F
R0.1-1-D4-50L-2T	R0.1	0.2	1	0.16	4	50	2
R0.1-2-D4-50L-2T	R0.1	0.2	2	0.16	4	50	2
R0.15-1-D4-50L-2T	R0.15	0.3	1	0.26	4	50	2
R0.15-2-D4-50L-2T	R0.15	0.3	2	0.26	4	50	2
R0.15-3-D4-50L-2T	R0.15	0.3	3	0.26	4	50	2
R0.2-2-D4-50L-2T	R0.2	0.4	2	0.36	4	50	2
R0.2-3-D4-50L-2T	R0.2	0.4	3	0.36	4	50	2
R0.2-4-D4-50L-2T	R0.2	0.4	4	0.36	4	50	2
R0.2-6-D4-50L-2T	R0.2	0.4	6	0.36	4	50	2
R0.25-2-D4-50L-2T	R0.25	0.5	2	0.45	4	50	2
R0.25-3-D4-50L-2T	R0.25	0.5	3	0.45	4	50	2
R0.25-4-D4-50L-2T	R0.25	0.5	4	0.45	4	50	2
R0.25-5-D4-50L-2T	R0.25	0.5	5	0.45	4	50	2
R0.25-6-D4-50L-2T	R0.25	0.5	6	0.45	4	50	2
R0.25-8-D4-50L-2T	R0.25	0.5	8	0.45	4	50	2
R0.3-2-D4-50L-2T	R0.3	0.6	2	0.55	4	50	2
R0.3-3-D4-50L-2T	R0.3	0.6	3	0.55	4	50	2
R0.3-4-D4-50L-2T	R0.3	0.6	4	0.55	4	50	2
R0.3-5-D4-50L-2T	R0.3	0.6	5	0.55	4	50	2
R0.3-6-D4-50L-2T	R0.3	0.6	6	0.55	4	50	2
R0.3-8-D4-50L-2T	R0.3	0.6	8	0.55	4	50	2
R0.4-3-D4-50L-2T	R0.4	0.8	3	0.75	4	50	2
R0.4-4-D4-50L-2T	R0.4	0.8	4	0.75	4	50	2
R0.4-5-D4-50L-2T	R0.4	0.8	5	0.75	4	50	2
R0.4-6-D4-50L-2T	R0.4	0.8	6	0.75	4	50	2
R0.4-8-D4-50L-2T	R0.4	0.8	8	0.75	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YP602LGB Hardened Material Long Neck Ball Shape Endmills (2F)



Technical Specification



Specification	R	CEL	LN	ND	SD	OAL	F
R0.4-10-D4-50L-2T	R0.4	0.8	10	0.75	4	50	2
R0.5-4-D4-50L-2T	R0.5	1	4	0.95	4	50	2
R0.5-6-D4-50L-2T	R0.5	1	6	0.95	4	50	2
R0.5-8-D4-50L-2T	R0.5	1	8	0.95	4	50	2
R0.5-10-D4-50L-2T	R0.5	1	10	0.95	4	50	2
R0.5-12-D4-50L-2T	R0.5	1	12	0.95	4	50	2
R0.5-14-D4-50L-2T	R0.5	1	14	0.95	4	50	2
R0.5-16-D4-50L-2T	R0.5	1	16	0.95	4	50	2
R0.5-20-D4-50L-2T	R0.5	1	20	0.95	4	50	2
R0.75-6-D4-50L-2T	R0.75	1.5	6	1.45	4	50	2
R0.75-8-D4-50L-2T	R0.75	1.5	8	1.45	4	50	2
R0.75-10-D4-50L-2T	R0.75	1.5	10	1.45	4	50	2
R0.75-12-D4-50L-2T	R0.75	1.5	12	1.45	4	50	2
R0.75-14-D4-50L-2T	R0.75	1.5	14	1.45	4	50	2
R0.75-16-D4-50L-2T	R0.75	1.5	16	1.45	4	50	2
R0.75-20-D4-50L-2T	R0.75	1.5	20	1.45	4	50	2
R1-6-D4-50L-2T	R1	2	6	1.95	4	50	2
R1-8-D4-50L-2T	R1	2	8	1.95	4	50	2
R1-10-D4-50L-2T	R1	2	10	1.95	4	50	2
R1-12-D4-50L-2T	R1	2	12	1.95	4	50	2
R1-14-D4-50L-2T	R1	2	14	1.95	4	50	2
R1-16-D4-50L-2T	R1	2	16	1.95	4	50	2
R1-20-D4-50L-2T	R1	2	20	1.95	4	50	2
R1.5-10-D4-50L-2T	R1.5	3	10	2.9	4	50	2
R1.5-12-D4-50L-2T	R1.5	3	12	2.9	4	50	2
R1.5-16-D4-50L-2T	R1.5	3	16	2.9	4	50	2
R1.5-20-D4-50L-2T	R1.5	3	20	2.9	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YP552A Carbide Long Flute Endmills (2F)



Technical Specification

MG Carbide

HRC55

AlTiN





P	H	M	K	N	S
●	●	●	●		

Specification	CED	CED	SD	OAL	F
D0.2-0.5-D4-50L-2T	0.2	0.5	4	50	2
D0.2-0.6-D4-50L-2T	0.2	0.6	4	50	2
D0.3-1-D4-50L-2T	0.3	1	4	50	2
D0.3-1.5-D4-50L-2T	0.3	1.5	4	50	2
D0.3-2-D4-50L-2T	0.3	2	4	50	2
D0.4-1-D4-50L-2T	0.4	1	4	50	2
D0.4-1.5-D4-50L-2T	0.4	1.5	4	50	2
D0.4-2-D4-50L-2T	0.4	2	4	50	2
D0.4-2.5-D4-50L-2T	0.4	2.5	4	50	2
D0.4-3-D4-50L-2T	0.4	3	4	50	2
D0.5-1.5-D4-50L-2T	0.5	1.5	4	50	2
D0.5-2-D4-50L-2T	0.5	2	4	50	2
D0.5-2.5-D4-50L-2T	0.5	2.5	4	50	2
D0.5-3-D4-50L-2T	0.5	3	4	50	2
D0.5-3.5-D4-50L-2T	0.5	3.5	4	50	2
D0.5-4-D4-50L-2T	0.5	4	4	50	2
D0.6-1.5-D4-50L-2T	0.6	1.5	4	50	2
D0.6-2-D4-50L-2T	0.6	2	4	50	2
D0.6-2.5-D4-50L-2T	0.6	2.5	4	50	2
D0.6-3-D4-50L-2T	0.6	3	4	50	2
D0.6-3.5-D4-50L-2T	0.6	3.5	4	50	2
D0.6-4-D4-50L-2T	0.6	4	4	50	2
D0.6-4.5-D4-50L-2T	0.6	4.5	4	50	2
D0.6-5-D4-50L-2T	0.6	5	4	50	2
D0.7-2-D4-50L-2T	0.7	2	4	50	2
D0.7-2.5-D4-50L-2T	0.7	2.5	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○		●	●	●	●	●			

YP552LA Carbide Long Flute Endmills (2F)



Technical Specification

MG Carbide

HRC55

AlTiN





P	H	M	K	N	S
●	●	●	●		

Specification	CED	CED	SD	OAL	F
D0.7-3-D4-50L-2T	0.7	3	4	50	2
D0.7-3.5-D4-50L-2T	0.7	3.5	4	50	2
D0.7-4-D4-50L-2T	0.7	4	4	50	2
D0.7-5-D4-50L-2T	0.7	5	4	50	2
D0.8-2-D4-50L-2T	0.8	2	4	50	2
D0.8-2.5-D4-50L-2T	0.8	2.5	4	50	2
D0.8-3-D4-50L-2T	0.8	3	4	50	2
D0.8-3.5-D4-50L-2T	0.8	3.5	4	50	2
D0.8-4-D4-50L-2T	0.8	4	4	50	2
D0.8-5-D4-50L-2T	0.8	5	4	50	2
D0.9-2-D4-50L-2T	0.9	2	4	50	2
D0.9-3-D4-50L-2T	0.9	3	4	50	2
D0.9-4-D4-50L-2T	0.9	4	4	50	2
D0.9-5-D4-50L-2T	0.9	5	4	50	2
D1-4-D4-50L-2T	1	4	4	50	2
D1-5-D4-50L-2T	1	5	4	50	2
D1-6-D4-50L-2T	1	6	4	50	2
D1-7-D4-50L-2T	1	7	4	50	2
D1-8-D4-50L-2T	1	8	4	50	2
D1-10-D4-50L-2T	1	10	4	50	2
D1.2-5-D4-50L-2T	1.2	5	4	50	2
D1.2-6-D4-50L-2T	1.2	6	4	50	2
D1.2-8-D4-50L-2T	1.2	8	4	50	2
D1.3-5-D4-50L-2T	1.3	5	4	50	2
D1.3-6-D4-50L-2T	1.3	6	4	50	2
D1.3-8-D4-50L-2T	1.3	8	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○		●	●	●	●	●			

YP552A Carbide Long Flute Endmills (2F)




Technical Specification

MG Carbide

HRC55

AlTiN





P

H

M

K

N

S

Specification	CED	CED	SD	OAL	F
D1.4-6-D4-50L-2T	1.4	6	4	50	2
D1.4-8-D4-50L-2T	1.4	8	4	50	2
D1.4-10-D4-50L-2T	1.4	10	4	50	2
D1.5-5-D4-50L-2T	1.5	5	4	50	2
D1.5-6-D4-50L-2T	1.5	6	4	50	2
D1.5-7-D4-50L-2T	1.5	7	4	50	2
D1.5-8-D4-50L-2T	1.5	8	4	50	2
D1.5-10-D4-50L-2T	1.5	10	4	50	2
D1.5-12-D4-50L-2T	1.5	12	4	50	2
D1.6-6-D4-50L-2T	1.6	6	4	50	2
D1.6-8-D4-50L-2T	1.6	8	4	50	2
D1.6-10-D4-50L-2T	1.6	10	4	50	2
D1.8-6-D4-50L-2T	1.8	6	4	50	2
D1.8-8-D4-50L-2T	1.8	8	4	50	2
D1.8-10-D4-50L-2T	1.8	10	4	50	2
D2-8-D4-50L-2T	2	8	4	50	2
D2-10-D4-50L-2T	2	10	4	50	2
D2-12-D4-50L-2T	2	12	4	50	2
D2.5-10-D4-50L-2T	2.5	10	4	50	2
D2.5-12-D4-50L-2T	2.5	12	4	50	2
D2.5-14-D4-50L-2T	2.5	14	4	50	2
D3-12-D4-50L-2T	3	12	4	50	2
D3-14-D4-50L-2T	3	14	4	50	2
D3-16-D4-50L-2T	3	16	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP554LA Carbide Long Flute Endmills (4F)




Technical Specification

MG Carbide

HRC55

AlTiN





P

H

M

K

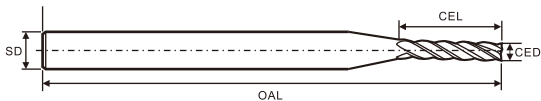
N

S

Specification	CED	CEL	SD	OAL	F
D1-4-D4-50L-4T	1	4	4	50	4
D1-5-D4-50L-4T	1	5	4	50	4
D1-6-D4-50L-4T	1	6	4	50	4
D1-7-D4-50L-4T	1	7	4	50	4
D1-8-D4-50L-4T	1	8	4	50	4
D1-10-D4-50L-4T	1	10	4	50	4
D1.2-4-D4-50L-4T	1.2	4	4	50	4
D1.2-5-D4-50L-4T	1.2	5	4	50	4
D1.2-6-D4-50L-4T	1.2	6	4	50	4
D1.2-8-D4-50L-4T	1.2	8	4	50	4
D1.2-10-D4-50L-4T	1.2	10	4	50	4
D1.3-5-D4-50L-4T	1.3	5	4	50	4
D1.3-6-D4-50L-4T	1.3	6	4	50	4
D1.3-8-D4-50L-4T	1.3	8	4	50	4
D1.4-6-D4-50L-4T	1.4	6	4	50	4
D1.4-8-D4-50L-4T	1.4	8	4	50	4
D1.4-10-D4-50L-4T	1.4	10	4	50	4
D1.5-5-D4-50L-4T	1.5	5	4	50	4
D1.5-6-D4-50L-4T	1.5	6	4	50	4
D1.5-7-D4-50L-4T	1.5	7	4	50	4
D1.5-8-D4-50L-4T	1.5	8	4	50	4
D1.5-10-D4-50L-4T	1.5	10	4	50	4
D1.5-12-D4-50L-4T	1.5	12	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP554LA Carbide Long Flute Endmills (4F)



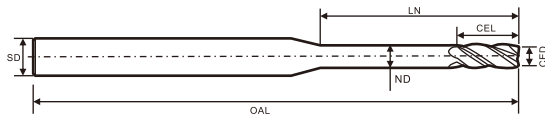
Technical Specification



Specification	CED	CEL	SD	OAL	F
D1.6-6-D4-50L-4T	1.6	6	4	50	4
D1.6-8-D4-50L-4T	1.6	8	4	50	4
D1.6-10-D4-50L-4T	1.6	10	4	50	4
D1.7-6-D4-50L-4T	1.7	6	4	50	4
D1.8-6-D4-50L-4T	1.8	6	4	50	4
D1.8-8-D4-50L-4T	1.8	8	4	50	4
D1.8-10-D4-50L-4T	1.8	10	4	50	4
D2-8-D4-50L-4T	2	8	4	50	4
D2-10-D4-50L-4T	2	10	4	50	4
D2-12-D4-50L-4T	2	12	4	50	4
D2.5-10-D4-50L-4T	2.5	10	4	50	4
D2.5-12-D4-50L-4T	2.5	12	4	50	4
D2.5-14-D4-50L-4T	2.5	14	4	50	4
D3-10-D4-50L-4T	3	10	4	50	4
D3-12-D4-50L-4T	3	12	4	50	4
D3-14-D4-50L-4T	3	14	4	50	4
D3-15-D4-50L-4T	3	15	4	50	4
D3-16-D4-50L-4T	3	16	4	50	4
D4-12-D4-50L-4T	4	12	4	50	4
D4-15-D4-50L-4T	4	15	4	50	4
D4-16-D4-50L-4T	4	16	4	50	4
D4-20-D4-50L-4T	4	20	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	—	—

YP554LG Carbide Long Neck Endmills (4F)



Technical Specification



Specification	CED	CEL	ND	LN	SD	OAL	F
D1-4-D4-50L-4T	1	2.5	0.97	4	4	50	4
D1-5-D4-50L-4T	1	2.5	0.97	5	4	50	4
D1-6-D4-50L-4T	1	2.5	0.97	6	4	50	4
D1-8-D4-50L-4T	1	2.5	0.97	8	4	50	4
D1-10-D4-50L-4T	1	2.5	0.97	10	4	50	4
D1-12-D4-50L-4T	1	2.5	0.97	12	4	50	4
D1-14-D4-50L-4T	1	2.5	0.97	14	4	50	4
D1-15-D4-50L-4T	1	2.5	0.97	15	4	50	4
D1-16-D4-50L-4T	1	2.5	0.97	16	4	50	4
D1-18-D4-50L-4T	1	2.5	0.97	18	4	50	4
D1-20-D4-50L-4T	1	2.5	0.97	20	4	50	4
D1-25-D4-60L-4T	1	2.5	0.97	25	4	60	4
D1-30-D4-60L-4T	1	2.5	0.97	30	4	60	4
D1.5-6-D4-50L-4T	1.5	3.8	1.465	6	4	50	4
D1.5-8-D4-50L-4T	1.5	3.8	1.465	8	4	50	4
D1.5-9-D4-50L-4T	1.5	3.8	1.465	9	4	50	4
D1.5-110-D4-50L-4T	1.5	3.8	1.465	10	4	50	4
D1.5-12-D4-50L-4T	1.5	3.8	1.465	12	4	50	4
D1.5-14-D4-50L-4T	1.5	3.8	1.465	14	4	50	4
D1.5-15-D4-50L-4T	1.5	3.8	1.465	15	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	—	—

YP554LG Carbide Long Neck Endmills (4F)




Technical Specification

MG Carbide

HRC55

AlTiN



90°

P

H

M

K

N

S

Specification	CED	CEL	ND	LN	SD	OAL	F
D1.5-16-D4-50L-4T	1.5	3.8	1.465	16	4	50	4
D1.5-18-D4-50L-4T	1.5	3.8	1.465	18	4	50	4
D1.5-20-D4-50L-4T	1.5	3.8	1.465	20	4	50	4
D1.5-25-D4-60L-4T	1.5	3.8	1.465	25	4	60	4
D1.5-30-D4-60L-4T	1.5	3.8	1.465	30	4	60	4
D2-8-D4-50L-4T	2	5	1.96	8	4	50	4
D2-10-D4-50L-4T	2	5	1.96	10	4	50	4
D2-12-D4-50L-4T	2	5	1.96	12	4	50	4
D2-14-D4-50L-4T	2	5	1.96	14	4	50	4
D2-15-D4-50L-4T	2	5	1.96	15	4	50	4
D2-16-D4-50L-4T	2	5	1.96	16	4	50	4
D2-18-D4-50L-4T	2	5	1.96	18	4	50	4
D2-20-D4-50L-4T	2	5	1.96	20	4	50	4
D2-25-D4-60L-4T	2	5	1.96	25	4	60	4
D2-30-D4-60L-4T	2	5	1.96	30	4	60	4
D2.5-10-D4-50L-4T	2.5	6.3	2.46	10	4	50	4
D2.5-12-D4-50L-4T	2.5	6.3	2.46	12	4	50	4
D2.5-14-D4-50L-4T	2.5	6.3	2.46	14	4	50	4
D2.5-15-D4-50L-4T	2.5	6.3	2.46	15	4	50	4
D2.5-16-D4-50L-4T	2.5	6.3	2.46	16	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP554LG Carbide Long Neck Endmills (4F)



Technical Specification

MG Carbide

HRC55

AlTiN



90°

P

H

M

K

N

S

Specification	CED	CEL	ND	LN	SD	OAL	F
D2.5-18-D4-50L-4T	2.5	6.3	2.46	18	4	50	4
D2.5-20-D4-50L-4T	2.5	6.3	2.46	20	4	50	4
D2.5-25-D4-60L-4T	2.5	6.3	2.46	25	4	60	4
D2.5-30-D4-60L-4T	2.5	6.3	2.46	30	4	60	4
D3-10-D4-50L-4T	3	7.5	2.95	10	4	50	4
D3-12-D4-50L-4T	3	7.5	2.95	12	4	50	4
D3-14-D4-50L-4T	3	7.5	2.95	14	4	50	4
D3-15-D4-50L-4T	3	7.5	2.95	15	4	50	4
D3-16-D4-50L-4T	3	7.5	2.95	16	4	50	4
D3-18-D4-50L-4T	3	7.5	2.95	18	4	50	4
D3-20-D4-50L-4T	3	7.5	2.95	20	4	50	4
D3-25-D4-60L-4T	3	7.5	2.95	25	4	60	4
D3-30-D4-60L-4T	3	7.5	2.95	30	4	60	4
D3-10-D6-50L-4T	3	7.5	2.95	10	6	50	4
D3-12-D6-50L-4T	3	7.5	2.95	12	6	50	4
D3-14-D6-50L-4T	3	7.5	2.95	14	6	50	4
D3-16-D6-50L-4T	3	7.5	2.95	16	6	50	4
D3-18-D6-50L-4T	3	7.5	2.95	18	6	50	4
D3-20-D6-50L-4T	3	7.5	2.95	20	6	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

YP604LG Hardened Material Long Neck Endmills (4F)



Technical Specification

MG Carbide

HRC60

AlTiSiN



90°

P

H

M

K

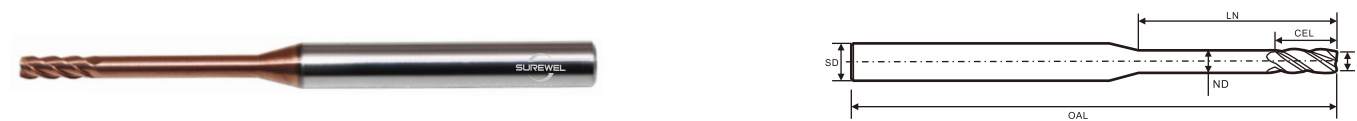
N

S

Specification	CED	CEL	LN	ND	SD	OAL	F
D1-5-D4-50L-4T	1	1.5	5	0.95	4	50	4
D1-6-D4-50L-4T	1	1.5	6	0.95	4	50	4
D1-8-D4-50L-4T	1	1.5	8	0.95	4	50	4
D1-10-D4-50L-4T	1	1.5	10	0.95	4	50	4
D1-12-D4-50L-4T	1	1.5	12	0.95	4	50	4
D1-14-D4-50L-4T	1	1.5	14	0.95	4	50	4
D1-16-D4-50L-4T	1	1.5	16	0.95	4	50	4
D1-20-D4-50L-4T	1	1.5	20	0.95	4	50	4
D1.5-6-D4-50L-4T	1.5	2.3	6	1.45	4	50	4
D1.5-8-D4-50L-4T	1.5	2.3	8	1.45	4	50	4
D1.5-10-D4-50L-4T	1.5	2.3	10	1.45	4	50	4
D1.5-12-D4-50L-4T	1.5	2.3	12	1.45	4	50	4
D1.5-14-D4-50L-4T	1.5	2.3	14	1.45	4	50	4
D1.5-16-D4-50L-4T	1.5	2.3	16	1.45	4	50	4
D1.5-20-D4-50L-4T	1.5	2.3	20	1.45	4	50	4
D2-8-D4-50L-4T	2	3	8	1.95	4	50	4
D2-10-D4-50L-4T	2	3	10	1.95	4	50	4
D2-12-D4-50L-4T	2	3	12	1.95	4	50	4
D2-14-D4-50L-4T	2	3	14	1.95	4	50	4
D2-16-D4-50L-4T	2	3	16	1.95	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YP604LG Hardened Material Long Neck Endmills (4F)



Technical Specification

MG Carbide

HRC60

AlTiSiN



90°

P

H

M

K

N

S

Specification	CED	CEL	LN	ND	SD	OAL	F
D2-20-D4-50L-4T	2	3	20	1.95	4	50	4
D2.5-12-D4-50L-4T	2.5	3.8	12	2.4	4	50	4
D2.5-16-D4-50L-4T	2.5	3.8	16	2.4	4	50	4
D2.5-20-D4-50L-4T	2.5	3.8	20	2.4	4	50	4
D3-12-D4-50L-4T	3	4.5	12	2.9	4	50	4
D3-16-D4-50L-4T	3	4.5	16	2.9	4	50	4
D3-20-D4-50L-4T	3	4.5	20	2.9	4	50	4
D3-12-D6-60L-4T	3	4.5	12	2.9	6	60	4
D3-16-D6-60L-4T	3	4.5	16	2.9	6	60	4
D3-20-D6-60L-4T	3	4.5	20	2.9	6	60	4
D3-26-D6-75L-4T	3	4.5	26	2.9	6	75	4
D3-30-D6-75L-4T	3	4.5	30	2.9	6	75	4
D4-16-D6-60L-4T	4	6	16	3.9	6	60	4
D4-20-D6-60L-4T	4	6	20	3.9	6	60	4
D4-26-D6-75L-4T	4	6	26	3.9	6	75	4
D4-30-D6-75L-4T	4	6	30	3.9	6	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YA552MN Micro Diameter Corner Radius Endmills (2F)



Technical Specification



Specification	CED	R	CEL	SD	OAL	F
D0.3R0.05-0.6-D4-50L-2T	0.3	R0.05	0.6	4	50	2
D0.3R0.1-0.6-D4-50L-2T	0.3	R0.1	0.6	4	50	2
D0.4R0.05-0.8-D4-50L-2T	0.4	R0.05	0.8	4	50	2
D0.4R0.1-0.8-D4-50L-2T	0.4	R0.1	0.8	4	50	2
D0.5R0.05-1-D4-50L-2T	0.5	R0.05	1	4	50	2
D0.5R0.1-D4-50L-2T	0.5	R0.1	1	4	50	2
D0.6R0.05-1.2-D4-50L-2T	0.6	R0.05	1.2	4	50	2
D0.6R0.1-1.2-D4-50L-2T	0.6	R0.1	1.2	4	50	2
D0.7R0.05-1.4-D4-50L-2T	0.7	R0.05	1.4	4	50	2
D0.7R0.1-1.4-D4-50L-2T	0.7	R0.1	1.4	4	50	2
D0.74R0.1-2-D4-50L-2T	0.74	R0.1	2	4	50	2
D0.75R0.1-2-D4-50L-2T	0.75	R0.1	2	4	50	2
D0.8R0.05-1.6-D4-50L-2T	0.8	R0.05	1.6	4	50	2
D0.8R0.1-1.6-D4-50L-2T	0.8	R0.1	1.6	4	50	2
D0.8R0.2-1.6-D4-50L-2T	0.8	R0.2	1.6	4	50	2
D1R0.05-2-D4-50L-2T	1	R0.05	2.5	4	50	2
D1.5R0.1-3-D4-50L-2T	1.5	R0.1	3	4	50	2
D1.5R0.2-6-D4-50L-2T	1.5	R0.2	6	4	50	2
D1R0.05-2-D4-50L-4T	1	R0.05	2	4	50	2
D1R0.1-2-D4-50L-4T	1	R0.1	2	4	50	2
D1.5R0.05-3-D4-50L-4T	1.5	R0.05	3	4	50	2
D1.5R0.1-3-D4-50L-4T	1.5	R0.1	3	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553N Carbide Corner Radius Endmills (3F)



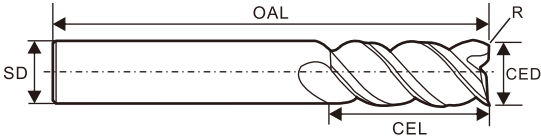
Technical Specification



Specification	CED	R	CEL	SD	OAL	F
D1R0.1-3-D4-50L-3T	1	R0.1	3	4	50	3
D1R0.2-3-D4-50L-3T	1	R0.2	3	4	50	3
D1R0.3-3-D4-50L-3T	1	R0.3	3	4	50	3
D1.2R0.1-3.6-D4-50L-3T	1.2	R0.1	3.6	4	50	3
D1.2R0.2-3.6-D4-50L-3T	1.2	R0.2	3.6	4	50	3
D1.2R0.3-3.6-D4-50L-3T	1.2	R0.3	3.6	4	50	3
D1.5R0.1-4.5-D4-50L-3T	1.5	R0.1	4.5	4	50	3
D1.5R0.2-4.5-D4-50L-3T	1.5	R0.2	4.5	4	50	3
D1.5R0.5-4.5-D4-50L-3T	1.5	R0.5	4.5	4	50	3
D1.5R0.3-4.5-D4-50L-3T	1.5	R0.3	4.5	4	50	3
D2R0.1-6-D4-50L-3T	2	R0.1	6	4	50	3
D2R0.2-6-D4-50L-3T	2	R0.2	6	4	50	3
D2R0.3-6-D4-50L-3T	2	R0.3	6	4	50	3
D2R0.5-6-D4-50L-3T	2	R0.5	6	4	50	3
D2.5R0.1-7.5-D4-50L-3T	2.5	R0.1	7.5	4	50	3
D2.5R0.2-7.5-D4-50L-3T	2.5	R0.2	7.5	4	50	3
D2.5R0.3-7.5-D4-50L-3T	2.5	R0.3	7.5	4	50	3
D2.5R0.5-7.5-D4-50L-3T	2.5	R0.5	7.5	4	50	3
D3R0.1-9-D4-50L-3T	3	R0.1	9	4	50	3
D3R0.2-9-D4-50L-3T	3	R0.2	9	4	50	3
D3R0.3-9-D4-50L-3T	3	R0.3	9	4	50	3
D3R0.5-9-D4-50L-3T	3	R0.5	9	4	50	3
D3R1.0-9-D4-50L-3T	3	R1.0	9	4	50	3
D3R0.5-20-D6-75L-3T	6	R0.5	20	6	75	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553N Carbide Corner Radius Endmills (3F)



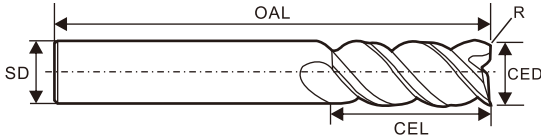
Technical Specification



Specification	CED	R	CEL	SD	OAL	F
D4R0.1-12-D4-50L-3T	4	R0.1	12	4	50	3
D4R0.2-12-D4-50L-3T	4	R0.2	12	4	50	3
D4R0.3-12-D4-50L-3T	4	R0.3	12	4	50	3
D4R0.5-12-D4-50L-3T	4	R0.5	12	4	50	3
D4R1.0-12-D4-50L-3T	4	R1.0	12	4	50	3
D4R1.5-12-D4-50L-3T	4	R1.5	12	4	50	3
D5R0.5-15-D6-50L-3T	5	R0.5	15	6	50	3
D6R0.1-18-D6-50L-3T	6	R0.1	18	6	50	3
D6R0.2-18-D4-50L-3T	6	R0.2	18	6	50	3
D6R0.3-18-D6-50L-3T	6	R0.3	18	6	50	3
D6R0.5-18-D6-50L-3T	6	R0.5	18	6	50	3
D6R0.5-25-D6-100L-3T	6	R0.5	25	6	100	3
D6R1.0-18-D6-50L-3T	6	R1.0	18	6	50	3
D6R1.0-20-D6-75L-3T	6	R1.0	20	6	75	3
D6R1.0-25-D6-100L-3T	6	R1.0	25	6	100	3
D6R1.5-18-D6-50L-3T	6	R1.5	18	6	50	3
D6R2.0-18-D6-50L-3T	6	R2.0	18	6	50	3
D8R0.1-24-D6-60L-3T	8	R0.1	24	8	60	3
D8R0.2-24-D8-60L-3T	8	R0.2	24	8	60	3
D8R0.3-24-D8-60L-3T	8	R0.3	24	8	60	3
D8R0.5-24-D8-60L-3T	8	R0.5	24	8	60	3
D8R1.0-24-D8-60L-3T	8	R1.0	24	8	60	3
D8R1.5-24-D8-60L-3T	8	R1.5	24	8	60	3
D8R2.0-24-D8-60L-3T	8	R2.0	24	8	60	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA553N Carbide Corner Radius Endmills (3F)



Technical Specification

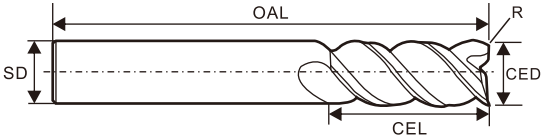


Specification	CED	R	CEL	SD	OAL	F
D8R0.5-30-D8-100L-3T	8	R0.5	30	8	100	3
D8R1.0-30-D8-100L-3T	8	R1.0	30	8	100	3
D10R0.1-30-D10-75L-3T	10	R0.1	30	10	75	3
D10R0.2-30-D10-75L-3T	10	R0.2	30	10	75	3
D10R0.3-30-D10-75L-3T	10	R0.3	30	10	75	3
D10R0.5-30-D10-75L-3T	10	R0.5	30	10	75	3
D10R1.0-30-D10-75L-3T	10	R1.0	30	10	75	3
D10R1.5-30-D10-75L-3T	10	R1.5	30	10	75	3
D10R2.0-30-D10-75L-3T	10	R2.0	30	10	75	3
D10R3.0-30-D10-75L-3T	10	R3.0	30	10	75	3
D10R0.5-40-D10-100L-3T	10	R0.5	40	10	100	3
D10R1.0-40-D10-100L-3T	10	R1.0	40	10	100	3
D10R2.0-40-D10-100L-3T	10	R2.0	40	10	100	3
D10R3.0-40-D10-100L-3T	10	R3.0	40	10	100	3
D12R3.0-36-D12-75L-3T	12	R3.0	36	12	75	3
D12R0.5-36-D12-75L-3T	12	R0.5	36	12	75	3
D12R0.5-45-D12-100L-3T	12	R0.5	45	12	100	3
D12R1.0-36-D12-75L-3T	12	R1.0	36	12	75	3
D12R1.0-45-D12-100L-3T	12	R1.0	45	12	100	3
D12R2.0-36-D12-75L-3T	12	R2.0	36	12	75L	3
D12R2.0-45-D12-100L-3T	12	R2.0	45	12	100	3
D12R3.0-45-D12-100L-3T	12	R3.0	45	12	100	3

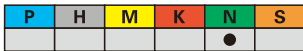
Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—



YA-DLC3N Coating Corner Radius Endmills (3F)



Technical Specification

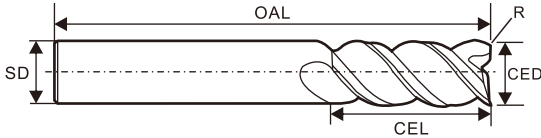


Specification	CED	R	CEL	SD	OAL	F
D1R0.2-3-D4-50L-3T	1	0.2	3	4	50	3
D1.5R0.2-4.5-D4-50L-3T	1.5	0.2	4.5	4	50	3
D2R0.2-6-D4-50L-3T	2	0.2	6	4	50	3
D2R0.5-6-D4-50L-3T	2	0.5	6	4	50	3
D3R0.2-9-D4-50L-3T	3	0.2	9	4	50	3
3R0.5-9-D4-50L-3T	3	0.5	9	4	50	3
D3R0.2-9-D4-75L-3T	3	0.2	9	4	75	3
D3R0.5-9-D4-75L-3T	3	0.5	9	4	75	3
D4R0.2-12-D4-50L-3T	4	0.2	12	4	50	3
D4R0.5-12-D4-50L-3T	4	0.5	12	4	50	3
D4R0.2-12-D4-75L-3T	4	0.2	12	4	75	3
D4R0.5-12-D4-75L-3T	4	0.5	12	4	75	3
D6R0.2-18-D6-50L-3T	6	0.2	18	6	50	3
D6R0.5-18-D6-50L-3T	6	0.5	18	6	50	3
D6R0.2-18-D6-75L-3T	6	0.2	18	6	75	3
D6R0.5-18-D6-75L-3T	6	0.5	18	6	75	3
D6R0.2-18-D6-100L-3T	6	0.2	18	6	100	3
D6R0.5-18-D6-100L-3T	6	0.5	18	6	100	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—



YA-DLC3N Coating Corner Radius Endmills (3F)



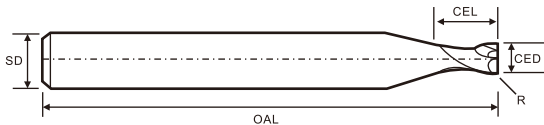
Technical Specification



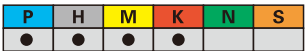
Specification	CED	R	CEL	SD	OAL	F
D8R0.5-24-D8-60L-3T	8	0.5	24	8	60	3
D8R1-24-D8-60L-3T	8	1	24	8	60	3
D8R0.5-24-D8-75L-3T	8	0.5	24	8	75	3
D8R1-24-D8-75L-3T	8	1	24	8	75	3
D8R0.5-24-D8-100L-3T	8	0.5	24	8	100	3
D8R1-24-D8-100L-3T	8	1	24	8	100	3
D10R0.5-30-D10-75L-3T	10	0.5	30	10	75	3
D10R1-30-D10-75L-3T	10	1	30	10	75	3
D10R0.5-30-D10-100L-3T	10	0.5	30	10	100	3
D10R1-30-D10-100L-3T	10	1	30	10	100	3
D12R0.5-36-D12-75L-3T	12	0.5	36	12	75	3
D12R1-36-D12-75L-3T	12	1	36	12	75	3
D12R0.5-36-D12-100L-3T	12	0.5	36	12	100	3
R12R1-36-D12-100L-3T	12	1	36	12	100	3

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C~0.25%	C0.25~0.45%	C~0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YP552MN Micro Diameter Corner Radius Endmills (2F)

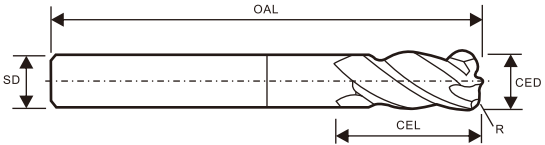


Technical Specification

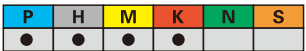


Specification	CED	R	CEL	SD	OAL	F
D0.3R0.05-0.6-D4-50L-2T	0.3	R0.05	0.6	4	50	2
D0.3R0.1-0.6-D4-50L-2T	0.3	R0.1	0.6	4	50	2
D0.4R0.05-0.8-D4-50L-2T	0.4	R0.05	0.8	4	50	2
D0.4R0.1-0.8-D4-50L-2T	0.4	R0.1	0.8	4	50	2
D0.5R0.05-1-D4-50L-2T	0.5	R0.05	1	4	50	2
D0.5R0.1-D4-50L-2T	0.5	R0.1	1	4	50	2
D0.6R0.05-1.2-D4-50L-2T	0.6	R0.05	1.2	4	50	2
D0.6R0.1-1.2-D4-50L-2T	0.6	R0.1	1.2	4	50	2
D0.7R0.05-1.4-D4-50L-2T	0.7	R0.05	1.4	4	50	2
D0.7R0.1-1.4-D4-50L-2T	0.7	R0.1	1.4	4	50	2
D0.8R0.05-1.6-D4-50L-2T	0.8	R0.05	1.6	4	50	2
D0.8R0.1-1.6-D4-50L-2T	0.8	R0.1	1.6	4	50	2
D0.8R0.2-1.6-D4-50L-2T	0.8	R0.2	1.6	4	50	2
D1R0.05-2-D4-50L-4T	1	R0.05	2	4	50	2
D1R0.1-2-D4-50L-4T	1	R0.1	2	4	50	2
D1.5R0.05-3-D4-50L-4T	1.5	R0.05	3	4	50	2
D1.5R0.1-3-D4-50L-4T	1.5	R0.1	3	4	50	2

YP554N Carbide Corner Radius Endmills (4F)



Technical Specification



Specification	CED	R	CEL	SD	OAL	F
D1R0.05-3-D4-50L-4T	1	R0.05	3	4	50	4
D1R0.1-3-D4-50L-4T	1	R0.1	3	4	50	4
D1R0.2-3-D4-50L-4T	1	R0.2	3	4	50	4
D1R0.3-3-D4-50L-4T	1	R0.3	3	4	50	4
D1.5R0.05-4.5-D4-50L-4T	1.5	R0.05	4.5	4	50	4
D1.5R0.1-4.5-D4-50L-4T	1.5	R0.1	4.5	4	50	4
D1.5R0.2-4.5-D4-50L-4T	1.5	R0.2	4.5	4	50	4
D1.5R0.3-4.5-D4-50L-4T	1.5	R0.3	4.5	4	50	4
D1.5R0.5-4.5-D4-50L-4T	1.5	R0.5	4.5	4	50	4
D2.5R0.1-7.5-D4-50L-4T	2.5	R0.1	7.5	4	50	4
D2.5R0.2-7.5-D4-50L-4T	2.5	R0.2	7.5	4	50	4
D2.5R0.3-7.5-D4-50L-4T	2.5	R0.3	7.5	4	50	4
D2.5R0.5-7.5-D4-50L-4T	2.5	R0.5	7.5	4	50	4
D2R0.05-6-D4-50L-4T	2	R0.05	6	4	50	4
D2R0.1-6-D4-50L-4T	2	R0.1	6	4	50	4
D2R0.2-6-D4-50L-4T	2	R0.2	6	4	50	4
D2R0.3-6-D4-50L-4T	2	R0.3	6	4	50	4
D2R0.5-6-D4-50L-4T	2	R0.5	6	4	50	4
D3R0.1-9-D4-50L-4T	3	R0.1	9	4	50	4
D3R0.2-9-D3-50L-4T	3	R0.2	9	3	50	4
D3R0.2-9-D4-50L-4T	3	R0.2	9	4	50	4
D3R0.3-9-D3-50L-4T	3	R0.3	9	3	50	4
D3R0.3-9-D4-50L-4T	3	R0.3	9	4	50	4
D3R0.5-9-D3-100L-4T	3	R0.5	9	3	100	4
D3R0.5-9-D3-50L-4T	3	R0.5	9	3	50	4
D3R0.5-9-D3-75L-4T	3	R0.5	9	3	75	4

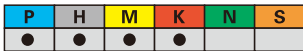
Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●					

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		●	●	●	●	●	●				

YP554N Carbide Corner Radius Endmills (4F)



Technical Specification



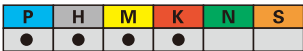
Specification	CED	R	CEL	SD	OAL	F
D3R0.5-9-D4-100L-4T	3	R0.5	9	4	100	4
D3R0.5-9-D4-50L-4T	3	R0.5	9	4	50	4
D3R1.0-9-D3-50L-4T	3	R1.0	9	3	50	4
D3R1.0-9-D4-50L-4T	3	R1.0	9	4	50	4
D4R0.1-10-D4-50L-4T	4	R0.1	10	4	50	4
D4R0.2-10-D4-50L-4T	4	R0.2	10	4	50	4
D4R0.3-10-D4-50L-4T	4	R0.3	10	4	50	4
D4R0.5-10-D4-100L-4T	4	R0.5	10	4	100	4
D4R0.5-10-D4-50L-4T	4	R0.5	10	4	50	4
D4R0.5-10-D4-75L-4T	4	R0.5	10	4	75	4
D4R1.0-10-D4-50L-4T	4	R1.0	10	4	50	4
D4R1.5-10-D4-50L-4T	4	R1.5	10	4	50	4
D5R0.1-15-D6-50L-4T	5	R0.1	15	6	50	4
D5R0.2-15-D6-50L-4T	5	R0.2	15	6	50	4
D5R0.3-15-D6-50L-4T	5	R0.3	15	6	50	4
D5R0.5-15-D6-50L-4T	5	R0.5	15	6	50	4
D6R0.1-15-D6-50L-4T	6	R0.1	15	6	50	4
D6R0.2-15-D6-50L-4T	6	R0.2	15	6	50	4
D6R0.3-15-D6-50L-4T	6	R0.3	15	6	50	4
D6R0.5-15-D6-100L-4T	6	R0.5	15	6	100	4
D6R0.5-15-D6-50L-4T	6	R0.5	15	6	50	4
D6R0.5-15-D6-75L-4T	6	R0.5	15	6	75	4
D6R1.0-15-D6-50L-4T	6	R1.0	15	6	50	4
D6R1.5-15-D6-50L-4T	6	R1.5	15	6	50	4
D6R2.0-15-D6-50L-4T	6	R2.0	15	6	50	4
D8R0.1-20-D8-60L-4T	8	R0.1	20	8	60	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~60HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	—

YP554N Carbide Corner Radius Endmills (4F)



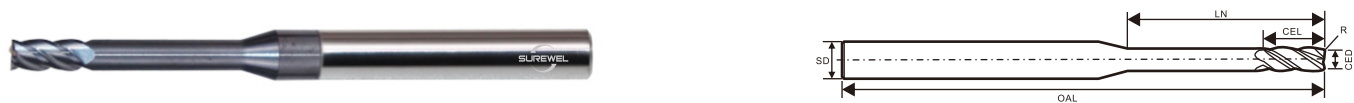
Technical Specification



Specification	CED	R	CEL	SD	OAL	F
D8R0.2-20-D8-60L-4T	8	R0.2	20	8	60	4
D8R0.3-20-D8-60L-4T	8	R0.3	20	8	60	4
D8R0.5-20-D8-100L-4T	8	R0.5	20	8	100	4
D8R0.5-20-D8-60L-4T	8	R0.5	20	8	60	4
D8R0.5-20-D8-75L-4T	8	R0.5	20	8	75	4
D8R1.0-20-D8-60L-4T	8	R1.0	20	8	60	4
D8R1.5-20-D8-60L-4T	8	R1.5	20	8	60	4
D8R2.0-20-D8-100L-4T	8	R2.0	20	8	100	4
D8R2.0-20-D8-60L-4T	8	R2.0	20	8	60	4
D10R0.1-25-D10-75L-4T	10	R0.1	25	10	75	4
D10R0.2-25-D10-75L-4T	10	R0.2	25	10	75	4
D10R0.3-25-D10-75L-4T	10	R0.3	25	10	75	4
D10R0.5-25-D10-100L-4T	10	R0.5	25	10	100	4
D10R0.5-25-D10-75L-4T	10	R0.5	25	10	75	4
D10R1.0-25-D10-75L-4T	10	R1.0	25	10	75	4
D10R1.5-30-D10-75L-4T	10	R1.5	30	10	75	4
D10R2.0-25-D10-100L-4T	10	R2.0	25	10	100	4
D10R2.0-25-D10-75L-4T	10	R2.0	25	10	75	4
D12R0.1-30-D12-75L-4T	12	R0.1	30	12	75	4
D12R0.2-30-D12-75L-4T	12	R0.2	30	12	75	4
D12R0.3-30-D12-75L-4T	12	R0.3	30	12	75	4
D12R0.5-30-D12-100L-4T	12	R0.5	30	12	100	4
D12R0.5-30-D12-75L-4T	12	R0.5	30	12	75	4
D12R1.0-30-D12-75L-4T	12	R1.0	30	12	75	4
D12R2.0-30-D12-100L-4T	12	R2.0	30	12	100	4
D12R2.0-30-D12-75L-4T	12	R2.0	30	12	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~60HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	—

YP554LN Long Neck Corner Radius Endmills (4F)



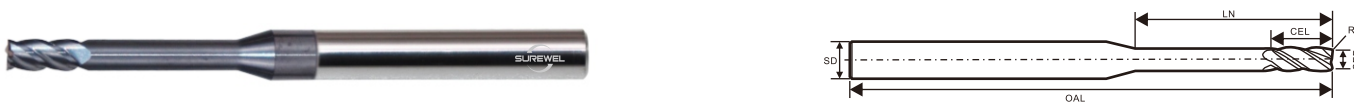
Technical Specification



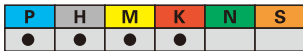
Specification	CED	CEL	ND	LN	SD	OAL	F
D1R0.1-4-D4-50L-4T	1R0.1	2.5	0.97	4	4	50	4
D1R0.1-5-D4-50L-4T	1R0.1	2.5	0.97	5	4	50	4
D1R0.1-6-D4-50L-4T	1R0.1	2.5	0.97	6	4	50	4
D1R0.1-8-D4-50L-4T	1R0.1	2.5	0.97	8	4	50	4
D1R0.1-10-D4-50L-4T	1R0.1	2.5	0.97	10	4	50	4
D1R0.1-12-D4-50L-4T	1R0.1	2.5	0.97	12	4	50	4
D1R0.1-14-D4-50L-4T	1R0.1	2.5	0.97	14	4	50	4
D1R0.1-16-D4-50L-4T	1R0.1	2.5	0.97	16	4	50	4
D1R0.1-18-D4-50L-4T	1R0.1	2.5	0.97	18	4	50	4
D1R0.1-20-D4-50L-4T	1R0.1	2.5	0.97	20	4	50	4
D1.5R0.1-6-D4-50L-4T	1.5R0.1	3.8	1.465	6	4	50	4
D1.5R0.1-8-D4-50L-4T	1.5R0.1	3.8	1.465	8	4	50	4
D1.5R0.1-10-D4-50L-4T	1.5R0.1	3.8	1.465	10	4	50	4
D1.5R0.1-12-D4-50L-4T	1.5R0.1	3.8	1.465	12	4	50	4
D1.5R0.1-14-D4-50L-4T	1.5R0.1	3.8	1.465	14	4	50	4
D1.5R0.1-16-D4-50L-4T	1.5R0.1	3.8	1.465	16	4	50	4
D1.5R0.1-18-D4-50L-4T	1.5R0.1	3.8	1.465	18	4	50	4
D1.5R0.1-20-D4-50L-4T	1.5R0.1	3.8	1.465	20	4	50	4
D2R0.1-8-D4-50L-4T	2R0.1	5	1.96	8	4	50	4
D2R0.1-10-D4-50L-4T	2R0.1	5	1.96	10	4	50	4
D2R0.1-12-D4-50L-4T	2R0.1	5	1.96	12	4	50	4
D2R0.1-14-D4-50L-4T	2R0.1	5	1.96	14	4	50	4
D2R0.1-16-D4-50L-4T	2R0.1	5	1.96	16	4	50	4
D2R0.1-18-D4-50L-4T	2R0.1	5	1.96	18	4	50	4
D2R0.1-20-D4-50L-4T	2R0.1	5	1.96	20	4	50	4
D3R0.1-10-D4-50L-4T	3R0.1	7.5	2.95	10	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-60HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	—

YP554LN Long Neck Corner Radius Endmills (4F)



Technical Specification



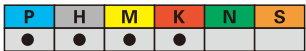
Specification	CED	CEL	ND	LN	SD	OAL	F
D3R0.1-12-D4-50L-4T	3R0.1	7.5	2.95	12	4	50	4
D3R0.1-14-D4-50L-4T	3R0.1	7.5	2.95	14	4	50	4
D3R0.1-16-D4-50L-4T	3R0.1	7.5	2.95	16	4	50	4
D3R0.1-18-D4-50L-4T	3R0.1	7.5	2.95	18	4	50	4
D3R0.1-20-D4-50L-4T	3R0.1	7.5	2.95	20	4	50	4
D3R0.1-25-D4-60L-4T	3R0.1	7.5	2.95	25	4	60	4
D3R0.1-10-D6-50L-4T	3R0.1	7.5	2.95	10	6	50	4
D3R0.1-12-D4-50L-4T	3R0.1	7.5	2.95	12	6	50	4
D3R0.1-14-D6-50L-4T	3R0.1	7.5	2.95	14	6	50	4
D3R0.1-16-D6-50L-4T	3R0.1	7.5	2.95	16	6	50	4
D3R0.1-18-D6-50L-4T	3R0.1	7.5	2.95	18	6	50	4
D3R0.1-20-D6-50L-4T	3R0.1	7.5	2.95	20	6	50	4
D3R0.1-25-D6-60L-4T	3R0.1	7.5	2.95	25	6	60	4
D1R0.2-4-D4-50L-4T	1R0.2	2.5	0.97	4	4	50	4
D1R0.2-5-D4-50L-4T	1R0.2	2.5	0.97	5	4	50	4
D1R0.2-6-D4-50L-4T	1R0.2	2.5	0.97	6	4	50	4
D1R0.2-8-D4-50L-4T	1R0.2	2.5	0.97	8	4	50	4
D1R0.2-10-D4-50L-4T	1R0.2	2.5	0.97	10	4	50	4
D1R0.2-12-D4-50L-4T	1R0.2	2.5	0.97	12	4	50	4
D1R0.2-14-D4-50L-4T	1R0.2	2.5	0.97	14	4	50	4
D1R0.2-16-D4-50L-4T	1R0.2	2.5	0.97	16	4	50	4
D1R0.2-18-D4-50L-4T	1R0.2	2.5	0.97	18	4	50	4
D1R0.2-20-D4-50L-4T	1R0.2	2.5	0.97	20	4	50	4
D1.5R0.2-6-D4-50L-4T	1.5R0.2	3.8	1.465	6	4	50	4
D1.5R0.2-8-D4-50L-4T	1.5R0.2	3.8	1.465	8	4	50	4
D1.5R0.2-10-D4-50L-4T	1.5R0.2	3.8	1.465	10	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-60HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	●	●	●	●	●	●	●	●	—

YP554LN Long Neck Corner Radius Endmills (4F)



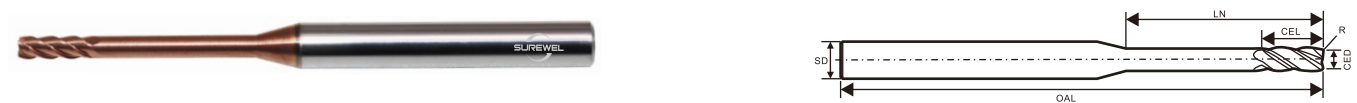
Technical Specification



Specification	CED	CEL	ND	LN	SD	OAL	F
D1.5R0.2-12-D4-50L-4T	1.5R0.2	3.8	1.465	12	4	50	4
D1.5R0.2-14-D4-50L-4T	1.5R0.2	3.8	1.465	14	4	50	4
D1.5R0.2-16-D4-50L-4T	1.5R0.2	3.8	1.465	16	4	50	4
D1.5R0.2-18-D4-50L-4T	1.5R0.2	3.8	1.465	18	4	50	4
D1.5R0.2-20-D4-50L-4T	1.5R0.2	3.8	1.465	20	4	50	4
D2R0.2-8-D4-50L-4T	2R0.2	5	1.96	8	4	50	4
D2R0.2-10-D4-50L-4T	2R0.2	5	1.96	10	4	50	4
D2R0.2-12-D4-50L-4T	2R0.2	5	1.96	12	4	50	4
D2R0.2-14-D4-50L-4T	2R0.2	5	1.96	14	4	50	4
D2R0.2-16-D4-50L-T	2R0.2	5	1.96	16	4	50	4
D2R0.2-18-D4-50L-4T	2R0.2	5	1.96	18	4	50	4
D2R0.2-20-D4-50L-4T	2R0.2	5	1.96	20	4	50	4
D3R0.2-10-D4-50L-4T	3R0.2	7.5	2.95	10	4	50	4
D3R0.2-12-D4-50L-4T	3R0.2	7.5	2.95	12	4	50	4
D3R0.2-14-D4-50L-4T	3R0.2	7.5	2.95	14	4	50	4
D3R0.2-16-D4-50L-4T	3R0.2	7.5	2.95	16	4	50	4
D3R0.2-18-D4-50L-4T	3R0.2	7.5	2.95	18	4	50	4
D3R0.2-20-D4-50L-4T	3R0.2	7.5	2.95	20	4	50	4
D3R0.2-25-D4-60L-4T	3R0.2	7.5	2.95	25	4	60	4
D3R0.2-10-D6-50L-4T	3R0.2	7.5	2.95	10	6	50	4
D3R0.2-12-D6-50L-4T	3R0.2	7.5	2.95	12	6	50	4
D3R0.2-14-D6-50L-4T	3R0.2	7.5	2.95	14	6	50	4
D3R0.2-16-D6-50L-4T	3R0.2	7.5	2.95	16	6	50	4
D3R0.2-18-D6-50L-4T	3R0.2	7.5	2.95	18	6	50	4
D3R0.2-20-D6-50L-4T	3R0.2	7.5	2.95	20	6	50	4
D3R0.2-25-D6-60L-4T	3R0.2	7.5	2.95	25	6	60	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~60HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	○	○	●	●	●	●	●	●	●	—

YP604LN Hardened Material Long Neck Corner Radius Endmills(4F)



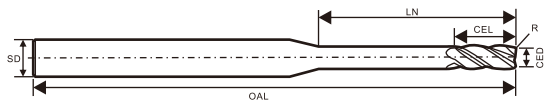
Technical Specification



Specification	CED	CEL	ND	LN	SD	OAL	F
D1R0.1-4-D4-50L-4T	1R0.1	2.5	0.97	4	4	50	4
D1R0.1-5-D4-50L-4T	1R0.1	2.5	0.97	5	4	50	4
D1R0.1-6-D4-50L-4T	1R0.1	2.5	0.97	6	4	50	4
D1R0.1-8-D4-50L-4T	1R0.1	2.5	0.97	8	4	50	4
D1R0.1-10-D4-50L-4T	1R0.1	2.5	0.97	10	4	50	4
D1R0.1-12-D4-50L-4T	1R0.1	2.5	0.97	12	4	50	4
D1R0.1-14-D4-50L-4T	1R0.1	2.5	0.97	14	4	50	4
D1R0.1-16-D4-50L-4T	1R0.1	2.5	0.97	16	4	50	4
D1R0.1-18-D4-50L-4T	1R0.1	2.5	0.97	18	4	50	4
D1R0.1-20-D4-50L-4T	1R0.1	2.5	0.97	20	4	50	4
D1.5R0.1-6-D4-50L-4T	1.5R0.1	3.8	1.465	6	4	50	4
D1.5R0.1-8-D4-50L-4T	1.5R0.1	3.8	1.465	8	4	50	4
D1.5R0.1-10-D4-50L-4T	1.5R0.1	3.8	1.465	10	4	50	4
D1.5R0.1-12-D4-50L-4T	1.5R0.1	3.8	1.465	12	4	50	4
D1.5R0.1-14-D4-50L-4T	1.5R0.1	3.8	1.465	14	4	50	4
D1.5R0.1-16-D4-50L-4T	1.5R0.1	3.8	1.465	16	4	50	4
D1.5R0.1-18-D4-50L-4T	1.5R0.1	3.8	1.465	18	4	50	4
D1.5R0.1-20-D4-50L-4T	1.5R0.1	3.8	1.465	20	4	50	4
D2R0.1-8-D4-50L-4T	2R0.1	5	1.96	8	4	50	4
D2R0.1-10-D4-50L-4T	2R0.1	5	1.96	10	4	50	4
D2R0.1-12-D4-50L-4T	2R0.1	5	1.96	12	4	50	4
D2R0.1-14-D4-50L-4T	2R0.1	5	1.96	14	4	50	4
D2R0.1-16-D4-50L-4T	2R0.1	5	1.96	16	4	50	4
D2R0.1-18-D4-50L-4T	2R0.1	5	1.96	18	4	50	4
D2R0.1-20-D4-50L-4T	2R0.1	5	1.96	20	4	50	4
D3R0.1-10-D4-50L-4T	3R0.1	7.5	2.95	10	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	—

YP604LN Hardened Material Long Neck Corner Radius Endmills(4F)



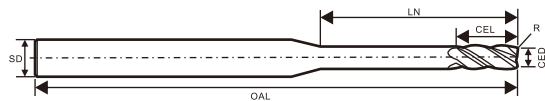
Technical Specification



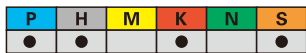
Specification	CED	CEL	ND	LN	SD	OAL	F
D3R0.1-12-D4-50L-4T	3R0.1	7.5	2.95	12	4	50	4
D3R0.1-14-D4-50L-4T	3R0.1	7.5	2.95	14	4	50	4
D3R0.1-16-D4-50L-4T	3R0.1	7.5	2.95	16	4	50	4
D3R0.1-18-D4-50L-4T	3R0.1	7.5	2.95	18	4	50	4
D3R0.1-20-D4-50L-4T	3R0.1	7.5	2.95	20	4	50	4
D3R0.1-25-D4-60L-4T	3R0.1	7.5	2.95	25	4	60	4
D3R0.1-10-D6-50L-4T	3R0.1	7.5	2.95	10	6	50	4
D3R0.1-12-D4-50L-4T	3R0.1	7.5	2.95	12	6	50	4
D3R0.1-14-D6-50L-4T	3R0.1	7.5	2.95	14	6	50	4
D3R0.1-16-D6-50L-4T	3R0.1	7.5	2.95	16	6	50	4
D3R0.1-18-D6-50L-4T	3R0.1	7.5	2.95	18	6	50	4
D3R0.1-20-D6-50L-4T	3R0.1	7.5	2.95	20	6	50	4
D3R0.1-25-D6-60L-4T	3R0.1	7.5	2.95	25	6	60	4
D1R0.2-4-D4-50L-4T	1R0.2	2.5	0.97	4	4	50	4
D1R0.2-5-D4-50L-4T	1R0.2	2.5	0.97	5	4	50	4
D1R0.2-6-D4-50L-4T	1R0.2	2.5	0.97	6	4	50	4
D1R0.2-8-D4-50L-4T	1R0.2	2.5	0.97	8	4	50	4
D1R0.2-10-D4-50L-4T	1R0.2	2.5	0.97	10	4	50	4
D1R0.2-12-D4-50L-4T	1R0.2	2.5	0.97	12	4	50	4
D1R0.2-14-D4-50L-4T	1R0.2	2.5	0.97	14	4	50	4
D1R0.2-16-D4-50L-4T	1R0.2	2.5	0.97	16	4	50	4
D1R0.2-18-D4-50L-4T	1R0.2	2.5	0.97	18	4	50	4
D1R0.2-20-D4-50L-4T	1R0.2	2.5	0.97	20	4	50	4
D1.5R0.2-6-D4-50L-4T	1.5R0.2	3.8	1.465	6	4	50	4
D1.5R0.2-8-D4-50L-4T	1.5R0.2	3.8	1.465	8	4	50	4
D1.5R0.2-10-D4-50L-4T	1.5R0.2	3.8	1.465	10	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-60HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YP604LN Hardened Material Long Neck Corner Radius Endmills(4F)



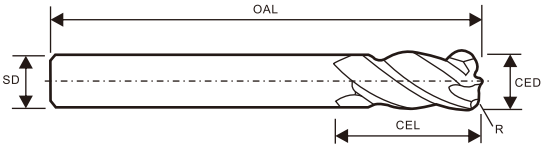
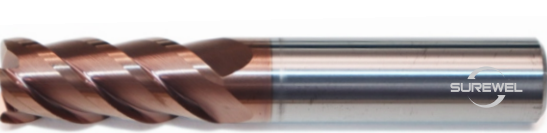
Technical Specification



Specification	CED	CEL	ND	LN	SD	OAL	F
D1.5R0.2-12-D4-50L-4T	1.5R0.2	3.8	1.465	12	4	50	4
D1.5R0.2-14-D4-50L-4T	1.5R0.2	3.8	1.465	14	4	50	4
D1.5R0.2-16-D4-50L-4T	1.5R0.2	3.8	1.465	16	4	50	4
D1.5R0.2-18-D4-50L-4T	1.5R0.2	3.8	1.465	18	4	50	4
D1.5R0.2-20-D4-50L-4T	1.5R0.2	3.8	1.465	20	4	50	4
D2R0.2-8-D4-50L-4T	2R0.2	5	1.96	8	4	50	4
D2R0.2-10-D4-50L-4T	2R0.2	5	1.96	10	4	50	4
D2R0.2-12-D4-50L-4T	2R0.2	5	1.96	12	4	50	4
D2R0.2-14-D4-50L-4T	2R0.2	5	1.96	14	4	50	4
D2R0.2-16-D4-50L-T	2R0.2	5	1.96	16	4	50	4
D2R0.2-18-D4-50L-4T	2R0.2	5	1.96	18	4	50	4
D2R0.2-20-D4-50L-4T	2R0.2	5	1.96	20	4	50	4
D3R0.2-10-D4-50L-4T	3R0.2	7.5	2.95	10	4	50	4
D3R0.2-12-D4-50L-4T	3R0.2	7.5	2.95	12	4	50	4
D3R0.2-14-D4-50L-4T	3R0.2	7.5	2.95	14	4	50	4
D3R0.2-16-D4-50L-4T	3R0.2	7.5	2.95	16	4	50	4
D3R0.2-18-D4-50L-4T	3R0.2	7.5	2.95	18	4	50	4
D3R0.2-20-D4-50L-4T	3R0.2	7.5	2.95	20	4	50	4
D3R0.2-25-D4-60L-4T	3R0.2	7.5	2.95	25	4	60	4
D3R0.2-10-D6-50L-4T	3R0.2	7.5	2.95	10	6	50	4
D3R0.2-12-D6-50L-4T	3R0.2	7.5	2.95	12	6	50	4
D3R0.2-14-D6-50L-4T	3R0.2	7.5	2.95	14	6	50	4
D3R0.2-16-D6-50L-4T	3R0.2	7.5	2.95	16	6	50	4
D3R0.2-18-D6-50L-4T	3R0.2	7.5	2.95	18	6	50	4
D3R0.2-20-D6-50L-4T	3R0.2	7.5	2.95	20	6	50	4
D3R0.2-25-D6-60L-4T	3R0.2	7.5	2.95	25	6	60	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	○	○	●	●	●	●	●	●	●

YH634N Hardened Material Corner Radius Endmills (4F)



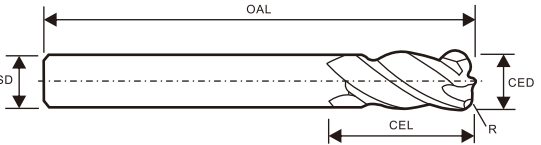
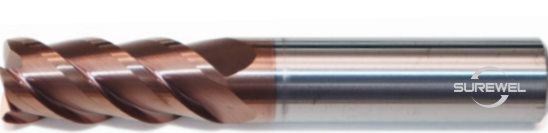
Technical Specification



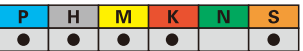
Specification	CED	R	CEL	SD	OAL	F
D1R0.1-3-D4-50L-4T	1	R0.1	3	4	50	4
D1R0.2-3-D4-50L-4T	1	R0.2	3	4	50	4
D1R0.3-3-D4-50L-4T	1	R0.3	3	4	50	4
D1.5R0.1-4-D4-50L-4T	1.5	R0.1	4	4	50	4
D1.5R0.2-4-D4-50L-4T	1.5	R0.2	4	4	50	4
D1.5R0.3-4-D4-50L-4T	1.5	R0.3	4	4	50	4
D1.5R0.5-4-D4-50L-4T	1.5	R0.5	4	4	50	4
D2R0.1-5-D4-50L-4T	2	R0.1	5	4	50	4
D2R0.2-5-D4-50L-4T	2	R0.2	5	4	50	4
D2R0.3-5-D4-50L-4T	2	R0.3	5	4	50	4
D2R0.5-5-D4-50L-4T	2	R0.5	5	4	50	4
D2.5R0.1-6.5-D4-50L-4T	2.5	R0.1	6.5	4	50	4
D2.5R0.2-6.5-D4-50L-4T	2.5	R0.2	6.5	4	50	4
D2.5R0.3-6.5-D4-50L-4T	2.5	R0.3	6.5	4	50	4
D2.5R0.5-6.5-D4-50L-4T	2.5	R0.5	6.5	4	50	4
D2.5R1-6.5-D4-50L-4T	2.5	R1	6.5	4	50	4
D3R0.1-8-D4-50L-4T	3	R0.1	8	4	50	4
D3R0.2-8-D4-50L-4T	3	R0.2	8	4	50	4
D3R0.3-8-D4-50L-4T	3	R0.3	8	4	50	4
D3R0.5-8-D4-50L-4T	3	R0.5	8	4	50	4
D3R1-8-D4-50L-4T	3	R1	8	4	50	4
D4R0.1-10-D4-50L-4T	4	R0.1	10	4	50	4
D4R0.2-10-D4-50L-4T	4	R0.2	10	4	50	4
D4R0.3-10-D4-50L-4T	4	R0.3	10	4	50	4
D4R0.5-10-D4-50L-4T	4	R0.5	10	4	50	4
D4R1-10-D4-50L-4T	4	R1	10	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YH634N Hardened Material Corner Radius Endmills (4F)



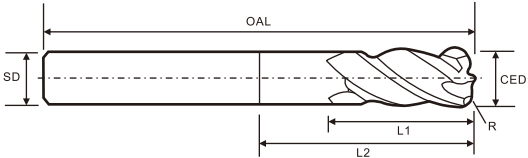
Technical Specification



Specification	CED	R	CEL	SD	OAL	F
D6R0.1-15-D6-50L-4T	6	R0.1	15	6	50	4
D6R0.2-15-D6-50L-4T	6	R0.2	15	6	50	4
D6R0.3-15-D6-50L-4T	6	R0.3	15	6	50	4
D6R0.5-15-D6-50L-4T	6	R0.5	15	6	50	4
D6R1-15-D6-50L-4T	6	R1	15	6	50	4
D6R2-15-D6-50L-4T	6	R2	15	6	50	4
D8R0.1-20-D8-60L-4T	8	R0.1	20	8	60	4
D8R0.2-20-D8-60L-4T	8	R0.2	20	8	60	4
D8R0.3-20-D8-60L-4T	8	R0.3	20	8	60	4
D8R0.5-20-D8-60L-4T	8	R0.5	20	8	60	4
D8R1-20-D8-60L-4T	8	R1	20	8	60	4
D8R2-20-D8-60L-4T	8	R2	20	8	60	4
D8R3-20-D8-60L-4T	8	R3	20	8	60	4
D10R0.1-25-D10-75L-4T	10	R0.1	25	10	75	4
D10R0.2-25-D10-75L-4T	10	R0.2	25	10	75	4
D10R0.3-25-D10-75L-4T	10	R0.3	25	10	75	4
D10R0.5-25-D40-75L-4T	10	R0.5	25	10	75	4
D10R1-25-D10-75L-4T	10	R1	25	10	75	4
D10R2-25-D10-75L-4T	10	R2	25	10	75	4
D10R3-25-D10-75L-4T	10	R3	25	10	75	4
D12R0.1-30-D12-75L-4T	12	R0.1	30	12	75	4
D12R0.2-30-D12-75L-4T	12	R0.2	30	12	75	4
D12R0.3-30-D12-75L-4T	12	R0.3	30	12	75	4
D12R0.5-30-D12-75L-4T	12	R0.5	30	12	75	4
D12R1-30-D12-75L-4T	12	R1	30	12	75	4
D12R2-30-D12-75L-4T	12	R2	30	12	75	4
D12R3-30-D12-75L-4T	12	R3	30	12	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YH634LN Hardened Material Long Neck Corner Radius Endmills (4F)



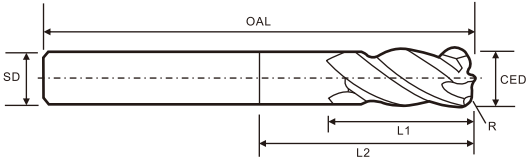
Technical Specification



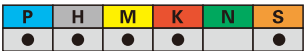
Specification	CED	R	LC1	LC2	SD	OAL	F
D1R0.1-3-D4-50L	1	R0.1	1	3	4	50	4
D1R0.2-3-D4-50L	1	R0.2	1	3	4	50	4
D1.5R0.1-4.5-D4-50L	1.5	R0.1	1.5	4.5	4	50	4
D1.5R0.2-4.5-D4-50L	1.5	R0.2	1.5	4.5	4	50	4
D2R0.1-6-D4-50L	2	R0.1	2	6	4	50	4
D2R0.2-6-D4-50L	2	R0.2	2	6	4	50	4
D2R0.5-6-D4-50L	2	R0.5	2	6	4	50	4
D3R0.1-9-D4-50L	3	R0.1	3	9	4	50	4
D3R0.2-9-D4-50L	3	R0.2	3	9	4	50	4
D3R0.3-9-D4-50L	3	R0.3	3	9	4	50	4
D3R0.5-9-D4-50L	3	R0.5	3	9	4	50	4
D4R0.1-12-D4-50L	4	R0.1	4	12	4	50	4
D4R0.2-12-D4-50L	4	R0.2	4	12	4	50	4
D4R0.5-12-D4-50L	4	R0.5	4	12	4	50	4
D4R1-12-D4-50L	4	R1	4	12	4	50	4
D6R0.1-18-D6-50L	6	R0.1	6	18	6	50	4
D6R0.2-18-D6-50L	6	R0.2	6	18	6	50	4
D6R0.2-18-D6-60L	6	R0.2	6	18	6	60	4
D6R0.2-18-D6-75L	6	R0.2	6	18	6	75	4
D6R0.2-18-D6-100L	6	R0.2	6	18	6	100	4
D6R0.5-18-D6-50L	6	R0.5	6	18	6	50	4
D6R0.5-18-D6-60L	6	R0.5	6	18	6	60	4
D6R0.5-18-D6-75L	6	R0.5	6	18	6	75	4
D6R0.5-18-D6-100L	6	R0.5	6	18	6	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C>0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YH634LN Hardened Material Long Neck Corner Radius Endmills (4F)



Technical Specification



Specification	CED	R	LC1	LC2	SD	OAL	F
D6R1-18-D6-50L	6	R1	6	18	6	50	4
D6R1-18-D6-60L	6	R1	6	18	6	60	4
D6R1-18-D6-75L	6	R1	6	18	6	75	4
D6R1-18-D6-100L	6	R1	6	18	6	100	4
D8R0.5-24-D8-60L	8	R0.5	8	24	8	60	4
D8R0.5-24-D8-75L	8	R0.5	8	24	8	75	4
D8R0.5-24-D8-100L	8	R0.5	8	24	8	100	4
D8R1-24-D8-60L	8	R1	8	24	8	60	4
D8R1-24-D8-75L	8	R1	8	24	8	75	4
D8R1-24-D8-100L	8	R1	8	24	8	100	4
D10R0.5-30-D10-75L	10	R0.5	10	30	10	75	4
D10R0.5-30-D10-100L	10	R0.5	10	30	10	100	4
D10R0.5-30-D10-150L	10	R0.5	10	30	10	150	4
D10R1-30-D10-75L	10	R1	10	30	10	75	4
D10R1-30-D10-100L	10	R1	10	30	10	100	4
D10R1-30-D10-150L	10	R1	10	30	10	150	4
D12R0.5-36-D12-75L	12	R0.5	12	36	12	75	4
D12R0.5-36-D12-100L	12	R0.5	12	36	12	100	4
D12R0.5-36-D12-150L	12	R0.5	12	36	12	150	4
D12R1-36-D12-75L	12	R1	12	36	12	75	4
D12R1-36-D12-100L	12	R1	12	36	12	100	4
D12R2-36-D12-75L	12	R2	12	36	12	75	4
D12R2-36-D12-100L	12	R2	12	36	12	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C>0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZ804N High Efficiency Corner Radius Endmills(4F)



Technical Specification



P	H	M	K	N	S
		●			●

Specification	CED	R	CEL	SD	OAL	F
D1R0.2*2H*D4*4T*50L	1	R0.2	2	4	50	4
D1.5R0.2*3H*D4*4T*50L	1.5	R0.2	3	4	50	4
D2R0.2*4H*D4*4T*50L	2	R0.2	4	4	50	4
D3R0.2*6H*D4*4T*50L	3	R0.2	6	4	50	4
D3R0.5*6H*D3*4T*50L	3	R0.5	6	3	50	4
D3R0.5*6H*D4*4T*50L	3	R0.5	6	4	50	4
D4R0.2*8H*D4*50L	4	R0.2	8	4	50	4
D4R0.5*8H*D4*50L	4	R0.5	8	4	50	4
D4R0.5*8H*D4*75L	4	R0.5	8	4	75	4
D4R0.5*8H*D4*100L	4	R0.5	8	4	100	4
D4R1.0*8H*D4*50L	4	R1	8	4	50	4
D6R0.2*12H*D6*50L	6	R0.2	12	6	50	4
D6R0.5*12H*D6*50L	6	R0.5	12	6	50	4
D6R0.5*12H*D6*75L	6	R0.5	12	6	75	4
D6R0.5*12H*D6*100L	6	R0.5	12	6	100	4
D6R1.0*12H*D6*50L	6	R1	12	6	50	4
D6R1.0*12H*D6*75L	6	R1	12	6	75	4
D6R1.0*12H*D6*100L	6	R1	12	6	100	4

YZ804N High Efficiency Corner Radius Endmills(4F)



Technical Specification



P	H	M	K	N	S
		●			●

Specification	CED	R	CEL	SD	OAL	F
D8R0.5*16H*D8*60L	8	R0.5	16	8	60	4
D8R0.5*16H*D8*75L	8	R0.5	16	8	75	4
D8R0.5*16H*D8*100L	8	R1	16	8	100	4
D8R1.0*16H*D8*60L	8	R1	16	8	60	4
D8R1.0*16H*D8*75L	8	R1	16	8	75	4
D8R1.0*16H*D8*100L	8	R1	16	8	100	4
D10R0.5*20H*D10*75L	10	R0.5	20	10	75	4
D10R0.5*20H*D10*100L	10	R0.5	20	10	100	4
D10R0.5*20H*D10*150L	10	R0.5	20	10	150	4
D10R1.0*20H*D10*75L	10	R1	20	10	75	4
D10R1.0*20H*D10*100L	10	R1	20	10	100	4
D12R0.5*24H*D12*75L	12	R0.5	24	12	75	4
D12R0.5*24H*D12*100L	12	R0.5	24	12	100	4
D12R0.5*24H*D12*150L	12	R0.5	24	12	150	4
D12R1.0*24H*D12*75L	12	R1	24	12	75	4
D12R1.0*24H*D12*100L	12	R1	24	12	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
○	○	○	○	○	○	○	○	●	○						●

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C<0.25%	C0.25~0.45%	C<0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
○	○	○	○	○	○	○	○	●	○						●

YZ884N High Efficient Corner Radius Endmills (4F)



Technical Specification

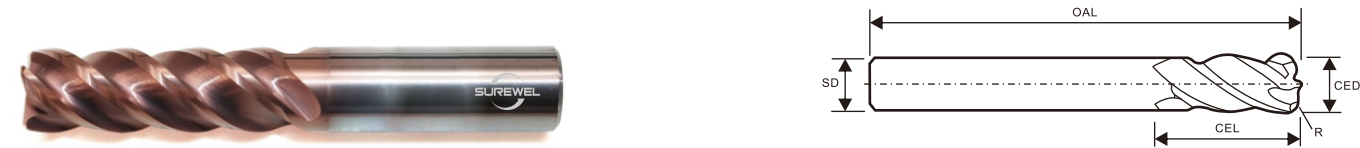


P	H	M	K	N	S
●	●	●	●		

Specification	CED	R	CEL	SD	OAL	F
D3R0.2-9-D4-50L-4T	3	R0.2	9	4	50	4
D3R0.5-9-D4-50L-4T	3	R0.5	9	4	50	4
D4R02-12-D4-50L-4T	4	R0.2	12	4	50	4
D4R0.5-12-D4-50L-4T	4	R0.5	12	4	50	4
D3R0.2-9-D6-50L-4T	3	R0.2	9	6	50	4
D3R0.5-9-D6-50L-4T	3	R0.5	9	6	50	4
D4R0.6-12-D6-50L-4T	4	R0.2	12	6	50	4
D4R0.7-12-D6-50L-4T	4	R0.5	12	6	50	4
D5R0.2-15-D6-50L-4T	5	R0.2	15	6	50	4
D5R0.5-15-D6-50L-4T	5	R0.5	15	6	50	4
D6R0.2-18-D6-50L-4T	6	R0.2	18	6	50	4
D6R0.3-18-D6-50L-4T	6	R0.3	18	6	50	4
D6R0.5-18-D6-50L-4T	6	R0.5	18	6	50	4
D6R1.0-18-D6-50L-4T	6	R1.0	18	6	50	4
D6R1.5-18-D6-50L-4T	6	R1.5	18	6	50	4
D6R2.0-18-D6-50L-4T	6	R2.0	18	6	50	4
D8R0.2-24-D8-60L-4T	8	R0.2	24	8	60	4
D8R0.3-24-D8-60L-4T	8	R0.3	24	8	60	4
D8R0.5-24-D8-60L-4T	8	R0.5	24	8	60	4
D8R1.0-24-D8-60L-4T	8	R1.0	24	8	60	4
D8R1.5-24-D8-60L-4T	8	R1.5	24	8	60	4
D8R2.0-24-D8-60L-4T	8	R2.0	24	8	60	4
D10R0.2-30-D10-75L-4T	10	R0.2	30	10	75	4
D10R0.3-30-D10-75L-4T	10	R0.3	30	10	75	4
D10R0.5-30-D10-75L-4T	10	R0.5	30	10	75	4
D10R1.0-30-D10-75L-4T	10	R1.0	30	10	75	4
D10R1.5-30-D10-75L-4T	10	R1.5	30	10	75	4
D10R2.0-30-D10-75L-4T	10	R2.0	30	10	75	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	●	●	●	●	●	●	●			○	○	○

YZ884N High Efficient Corner Radius Endmills (4F)



Technical Specification



P	H	M	K	N	S
●	●	●	●		

Specification	CED	R	CEL	SD	OAL	F
D12R0.2-36-D12-75L-4T	12	R0.2	36	12	75	4
D12R0.3-36-D12-75L-4T	12	R0.3	36	12	75	4
D12R0.5-36-D12-75L-4T	12	R0.5	36	12	75	4
D12R1.0-36-D12-75L-4T	12	R1.0	36	12	75	4
D12R1.5-36-D12-75L-4T	12	R1.5	36	12	75	4
D12R2.0-36-D12-75L-4T	12	R2.0	36	12	75	4
D6R0.2-18-D6-75L-4T	6	R0.2	18	6	75	4
D6R0.5-18-D6-75L-4T	6	R0.5	18	6	75	4
D6R1.0-18-D6-75L-4T	6	R1.0	18	6	75	4
D6R2.0-18-D6-75L-4T	6	R2.0	18	6	75	4
D8R0.2-24-D8-75L-4T	8	R0.2	24	8	75	4
D8R0.5-24-D8-75L-4T	8	R0.5	24	8	75	4
D8R1.0-24-D8-75L-4T	8	R1.0	24	8	75	4
D8R2.0-24-D8-75L-4T	8	R2.0	24	8	75	4
D8R0.2-24-D8-75L--4T	8	R0.2	24	8	75	4
D8R0.5-24-D8-100L-4T	8	R0.5	24	8	100	4
D8R1.0-24-D8-100L-4T	8	R1.0	24	8	100	4
D8R2.0-24-D8-100L-4T	8	R2.0	24	8	100	4
D10R0.2-30-D10-100L-4T	10	R0.2	30	10	100	4
D10R0.5-30-D10-100L-4T	10	R0.5	30	10	100	4
D10R1.0-30-D10-100L-4T	10	R1.0	30	10	100	4
D10R2.0-30-D10-100L-4T	10	R2.0	30	10	100	4
D12R0.2-36-D12-100L-4T	12	R0.2	36	12	100	4
D12R0.5-36-D12-100L-4T	12	R0.5	36	12	100	4
D12R1.0-36-D12-100L-4T	12	R1.0	36	12	100	4
D12R2.0-36-D12-100L-4T	12	R2.0	36	12	100	4

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	●	●	●	●	●	●	●			○	○	○

YA553E Inch Size Fine Finish Endmill for Aluminum (3F)



Technical Specification

MG Carbide

HRC55

Uncoated





P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
1/16"×3/16"×1/8"×1-1/2"×3T	1/16"	3/16"	1/8"	1-1/2"	3
5/64"×3/16"×1/8"×1-1/2"×3T	5/64"	3/16"	1/8"	1-1/2"	3
3/32"×9/32"×1/8"×1-1/2"×3T	3/32"	9/32"	1/8"	1-1/2"	3
7/64"×3/8"×1/8"×1-1/2"×3T	7/64"	3/8"	1/8"	1-1/2"	3
1/8"×3/8"×1/8"×1-1/2"×3T	1/8"	3/8"	1/8"	1-1/2"	3
3/16"×5/8"×3/16"×2"×3T	3/16"	5/8"	3/16"	2"	3
1/4"×3/4"×1/4"×2-1/2"×3T	1/4"	3/4"	1/4"	2-1/2"	3
5/16"×13/16"×5/16"×2-1/2"×3T	5/16"	13/16"	5/16"	2-1/2"	3
3/8"×1"×3/8"×2-3/4"×3T	3/8"	1"	3/8"	2-3/4"	3
1/2"×1-1/4"×1/2"×3-1/8"×3T	1/2"	1-1/4"	1/2"	3-1/8"	3
5/8"×1-5/8"×5/8"×3-1/2"×3T	5/8"	1-5/8"	5/8"	3-1/2"	3

YP584E Inch Size Universal Endmill(4F)



Technical Specification

MG Carbide

HRC58

AlTiN





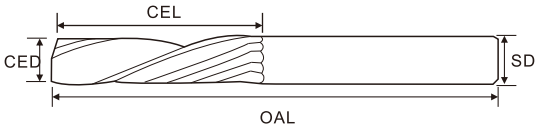
P	H	M	K	N	S
●	●	●	●		

Specification	CED	CEL	SD	OAL	F
1/16"×3/16"×1/8"×1-1/2"×4T	1/16"	3/16"	1/8"	1-1/2"	4
5/64"×3/16"×1/8"×1-1/2"×4T	5/64"	3/16"	1/8"	1-1/2"	4
3/32"×9/32"×1/8"×1-1/2"×4T	3/32"	9/32"	1/8"	1-1/2"	4
7/64"×3/8"×1/8"×1-1/2"×4T	7/64"	3/8"	1/8"	1-1/2"	4
1/8"×3/8"×1/8"×1-1/2"×4T	1/8"	3/8"	1/8"	1-1/2"	4
3/16"×5/8"×3/16"×2"×4T	3/16"	5/8"	3/16"	2"	4
1/4"×3/4"×1/4"×2-1/2"×4T	1/4"	3/4"	1/4"	2-1/2"	4
5/16"×13/16"×5/16"×2-1/2"×4T	5/16"	13/16"	5/16"	2-1/2"	4
3/8"×1"×3/8"×2-3/4"×4T	3/8"	1"	3/8"	2-3/4"	4
1/2"×1-1/4"×1/2"×3-1/8"×4T	1/2"	1-1/4"	1/2"	3-1/8"	4
5/8"×1-5/8"×5/8"×3-1/2"×4T	5/8"	1-5/8"	5/8"	3-1/2"	4

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○

YA551L Single Flute Left Helix Endmill (1F)



Technical Specification

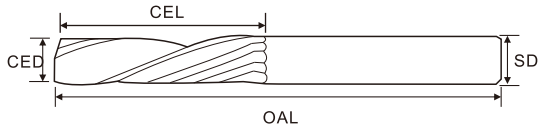


P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D0.3-0.6-D3.175-38L	0.3	0.6	3.175	38	1
D0.4-0.6-D3.175-38L	0.4	0.6	3.175	38	1
D0.4-1-D3.175-38L	0.4	1	3.175	38	1
D0.4-1.5-D3.175-38L	0.4	1.5	3.175	38	1
D0.4-2-D3.175-38L	0.4	2	3.175	38	1
D0.5-0.5-D3.175-38L	0.5	0.5	3.175	38	1
D0.5-1-D3.175-38L	0.5	1	3.175	38	1
D0.5-1.5-D3.175-38L	0.5	1.5	3.175	38	1
D0.5-2-D3.175-38L	0.5	2	3.175	38	1
D0.6-1-D3.175-38L	0.6	1	3.175	38	1
D0.6-1.5-D3.175-38L	0.6	1.5	3.175	38	1
D0.6-2-D3.175-38L	0.6	2	3.175	38	1
D0.6-3-D3.175-38L	0.6	3	3.175	38	1
D0.8-1-D3.175-38L	0.8	1	3.175	38	1
D0.8-1.5-D3.175-38L	0.8	1.5	3.175	38	1
D0.8-2-D3.175-38L	0.8	2	3.175	38	1
D0.8-2.5-D3.175-38L	0.8	2.5	3.175	38	1
D0.8-3-D3.175-38L	0.8	3	3.175	38	1
D0.8-4-D3.175-38L	0.8	4	3.175	38	1
D1-1-D3.175-38L	1	1	3.175	38	1
D1-1.5-D3.175-38L	1	1.5	3.175	38	1
D1-2-D3.175-38L	1	2	3.175	38	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551L Single Flute Left Helix Endmill (1F)



Technical Specification

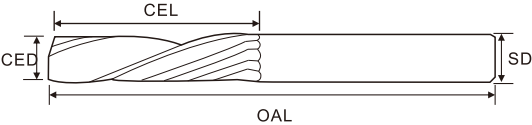


P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D1-3-D3.175-38L	1	3	3.175	38	1
D1-4-D3.175-38L	1	4	3.175	38	1
D1-5-D3.175-38L	1	5	3.175	38	1
D1.5-1.5-D3.175-38L	1.5	1.5	3.175	38	1
D1.5-2-D3.175-38L	1.5	2	3.175	38	1
D1.5-3-D3.175-38L	1.5	3	3.175	38	1
D1.5-4-D3.175-38L	1.5	4	3.175	38	1
D1.5-5-D3.175-38L	1.5	5	3.175	38	1
D1.5-6-D3.175-38L	1.5	6	3.175	38	1
D1.5-8-D3.175-38L	1.5	8	3.175	38	1
D2-3-D3.175-38L	2	3	3.175	38	1
D2-4-D3.175-38L	2	4	3.175	38	1
D2-6-D3.175-38L	2	6	3.175	38	1
D2-8-D3.175-38L	2	8	3.175	38	1
D2-10-D3.175-38L	2	10	3.175	38	1
D2-12-D3.175-38L	2	12	3.175	38	1
D2-17-D3.175-38L	2	17	3.175	38	1
D2-22-D3.175-45L	2	22	3.175	45	1
D2.5-3-D3.175-38L	2.5	3	3.175	38	1
D2.5-4-D3.175-38L	2.5	4	3.175	38	1
D2.5-6-D3.175-38L	2.5	6	3.175	38	1
D2.5-8-D3.175-38L	2.5	8	3.175	38	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551L Single Flute Left Helix Endmill (1F)



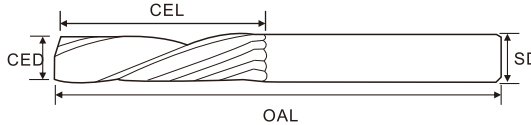
Technical Specification



Specification	CED	CEL	SD	OAL	F
D2.5-12-D3.175-38L	2.5	12	3.175	38	1
D2.5-15-D3.175-38L	2.5	15	3.175	38	1
D2.5-17-D3.175-38L	2.5	17	3.175	38	1
D2.5-22-D3.175-45L	2.5	22	3.175	45	1
D3-4-D3.175-38L	3	4	3.175	38	1
D3-6-D3.175-38L	3	6	3.175	38	1
D3-8-D3.175-38L	3	8	3.175	38	1
D3-10-D3.175-38L	3	10	3.175	38	1
D3-12-D3.175-38L	3	12	3.175	38	1
D3-17-D3.175-38L	3	17	3.175	38	1
D3.175-6-D3.175-38L	3.175	6	3.175	38	1
D3.175-8-D3.175-38L	3.175	8	3.175	38	1
D3.175-10-D3.175-38L	3.175	10	3.175	38	1
D3.175-12-D3.175-38L	3.175	12	3.175	38	1
D3.175-15-D3.175-38L	3.175	15	3.175	38	1
D3.175-17-D3.175-38L	3.175	17	3.175	38	1
D3.175-22-D3.175-45L	3.175	22	3.175	45	1
D3.175-25-D3.175-50L	3.175	25	3.175	50	1
D3.175-28-D3.175-50L	3.175	28	3.175	50	1
D4-6-D4-45L	4	6	4	45	1
D4-12-D4-45L	4	12	4	45	1
D4-15-D4-45L	4	15	4	45	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551L Single Flute Left Helix Endmill (1F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D4-17-D4-45L	4	17	4	45	1
D4-22-D4-50L	4	22	4	50	1
D4-25-D4-50L	4	25	4	50	1
D4-20-D4-60L	4	20	4	60	1
D4-30-D4-60L	4	30	4	60	1
D5-10-D5-50L	5	10	5	50	1
D5-15-D5-50L	5	15	5	50	1
D5-17-D5-50L	5	17	5	50	1
D5-22-D5-60L	5	22	5	60	1
D5-25-D5-60L	5	25	5	60	1
D5-32-D5-65L	5	32	5	65	1
D6-12-D6-50L	6	12	6	50	1
D6-15-D6-50L	6	15	6	50	1
D6-17-D6-50L	6	17	6	50	1
D6-22-D6-55L	6	22	6	55	1
D6-25-D6-55L	6	25	6	55	1
D6-32-D6-65L	6	32	6	65	1
D6-35-D6-75L	6	35	6	75	1
D6-42-D6-85L	6	42	6	85	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551A Single Flute Right Helix Endmill (1F)



Technical Specification

MG Carbide

HRC55

Uncoated

P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D0.4-1-D3.175-38L	0.4	1	3.175	38	1
D0.4-1.5-D3.175-38L	0.4	1.5	3.175	38	1
D0.4-2-D3.175-38L	0.4	2	3.175	38	1
D0.5-1.5-D3.175-38L	0.5	1.5	3.175	38	1
D0.5-2-D3.175-38L	0.5	2	3.175	38	1
D0.5-2.5-D3.175-38L	0.5	2.5	3.175	38	1
D0.5-3-D3.175-38L	0.5	3	3.175	38	1
D0.6-1.5-D3.175-38L	0.6	1.5	3.175	38	1
D0.6-2-D3.175-38L	0.6	2	3.175	38	1
D0.6-3-D3.175-38L	0.6	3	3.175	38	1
D0.6-3.5-D3.175-38L	0.6	3.5	3.175	38	1
D0.8-2-D3.175-38L	0.8	2	3.175	38	1
D0.8-3-D3.175-38L	0.8	3	3.175	38	1
D0.8-4.5-D3.175-38L	0.8	4.5	3.175	38	1
D1-1-D3.175-38L	1	1	3.175	38	1
D1-1.2-D3.175-38L	1	1.2	3.175	38	1
D1-3-D3.175-38L	1	3	3.175	38	1
D1-4-D3.175-38L	1	4	3.175	38	1
D1-5-D3.175-38L	1	5	3.175	38	1
D1-6-D3.175-38L	1	6	3.175	38	1
D1-7-D3.175-38L	1	7	3.175	38	1
D1.5-3--D3.175-38L	1.5	3	3.175	38	1
D1.5-4-D3.175-38L	1.5	4	3.175	38	1
D1.5-6-D3.175-38L	1.5	6	3.175	38	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551A Single Flute Right Helix Endmill (1F)



Technical Specification

MG Carbide

HRC55

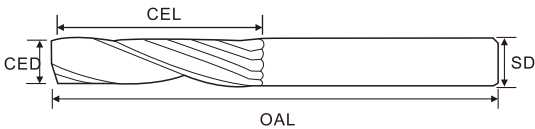
Uncoated

P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D1.5-8-D3.175-38L	1.5	8	3.175	38	1
D1.5-10-D3.175-38L	1.5	10	3.175	38	1
D1.5-12-D3.175-38L	1.5	12	3.175	38	1
D2-3-D3.175-38L	2	3	3.175	38	1
D2-4-D3.175-38L	2	4	3.175	38	1
D2-6-D3.175-38L	2	6	3.175	38	1
D2-8-D3.175-38L	2	8	3.175	38	1
D2-10-D3.175-38L	2	10	3.175	38	1
D2-12-D3.175-38L	2	12	3.175	38	1
D2-17-D3.175-38L	2	17	3.175	38	1
D2-22-D3.175-45L	2	22	3.175	45	1
D2.5-3-D3.175-38L	2.5	3	3.175	38	1
D2.5-4-D3.175-38L	2.5	4	3.175	38	1
D2.5-6-D3.175-38L	2.5	6	3.175	38	1
D2.5-8-D3.175-38L	2.5	8	3.175	38	1
D2.5-10-D3.175-38L	2.5	10	3.175	38	1
D2.5-12-D3.175-38L	2.5	12	3.175	38	1
D2.5-17-D3.175-38L	2.5	17	3.175	38	1
D2.5-22-D3.175-38L	2.5	22	3.175	45	1
D3-4-D3.175-38L	3	4	3.175	38	1
D3-6-D3.175-38L	3	6	3.175	38	1
D3-8-D3.175-38L	3	8	3.175	38	1
D3-10-D3.175-38L	3	10	3.175	38	1
D3-12-D3.175-38L	3	12	3.175	38	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551A Single Flute Right Helix Endmill (1F)



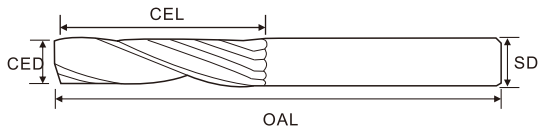
Technical Specification



Specification	CED	CEL	SD	OAL	F
D3-15-D3.175-38L	3	15	3.175	38	1
D3.175-6-D3.175-38L	3.175	6	3.175	38	1
D3.175-8-D3.175-38L	3.175	8	3.175	38	1
D3.175-10-D3.175-38L	3.175	10	3.175	38	1
D3.175-12-D3.175-38L	3.175	12	3.175	38	1
D3.175-15-D3.175-38L	3.175	15	3.175	38	1
D3.175-17-D3.175-38L	3.175	17	3.175	38	1
D3.175-22-D3.175-45L	3.175	22	3.175	45	1
D3.175-25-D3.175-50L	3.175	25	3.175	50	1
D3.175-32-D3.175-55L	3.175	32	3.175	55	1
D3.175-35-D3.175-60L	3.175	35	3.175	60	1
D3.175-42-D3.175-70L	3.175	42	3.175	70	1
D4-4-D4-45L	4	4	4	45	1
D4-6-D4-45L	4	6	4	45	1
D4-8-D4-45L	4	8	4	45	1
D4-10-D4-45L	4	10	4	45	1
D4-12-D4-45L	4	12	4	45	1
D4-15-D4-45L	4	15	4	45	1
D4-17-D4-45L	4	17	4	45	1
D4-22-D4-45L	4	22	4	45	1
D4-25-D4-50L	4	25	4	50	1
D4-28-D4-55L	4	28	4	55	1
D4-32-D4-55L	4	32	4	55	1
D4-35-D4-60L	4	35	4	60	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551A Single Flute Right Helix Endmill (1F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D4-42-D4-70L	4	42	4	70	1
D5-17-D5-60L	5	17	5	60	1
D5-22-D5-60L	5	22	5	60	1
D5-25-D5-60L	5	25	5	60	1
D6-12-D6-50L	6	12	6	50	1
D6-15-D6-50L	6	15	6	50	1
D6-17-D6-50L	6	17	6	50	1
D6-22-D6-50L	6	22	6	50	1
D6-25-D6-50L	6	25	6	50	1
D6-28-D6-55L	6	28	6	55	1
D6-32-D6-55L	6	32	6	55	1
D6-35-D6-60L	6	35	6	60	1
D6-42-D6-70L	6	42	6	70	1
D6-52-D6-75L	6	52	6	75	1
D6-62-D6-100L	6	62	6	100	1
D8-17-D8-60L	8	17	8	60	1
D8-22-D8-60L	8	22	8	60	1
D8-25-D8-60L	8	25	8	60	1
D8-28-D8-60L	8	28	8	60	1
D8-32-D8-65L	8	32	8	65	1
D8-37-D8-65L	8	37	8	65	1
D8-42-D8-75L	8	42	8	75	1
D8-52-D8-100L	8	52	8	100	1
D10-25-D10-75L	10	25	10	75	1

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YA551A Single Flute Right Helix Endmill (1F)



Technical Specification



P	H	M	K	N	S
				●	

规格 Specification	刃径 CED	刃长 CEL	柄径 SD	总长 OAL	刃数 F
D10-30-D10-75L	10	30	10	75	1
D10-35-D10-75L	10	35	10	75	1
D10-42-D10-75L	10	42	10	75	1
D10-52-D10-100L	10	52	10	100	1
D10-62-D10-100L	10	62	10	100	1
D12-25-D12-75L	12	25	12	75	1
D12-30-D12-75L	12	30	12	75	1
D12-35-D2-75L	12	35	12	75	1
D12-42-D12-75L	12	42	12	75	1
D12-52-D12-100L	12	52	12	100	1

YA550A Corn Milling Cutter



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL
D1-7-D3.175-38L	1	7	3.175	38
D2-6-D3.175-38L	2	6	3.175	38
D2-8-D3.175-38L	2	8	3.175	38
D2-10-D3.175-38L	2	10	3.175	38
D2-12-D3.175-38L	2	12	3.175	38
D3-6-D3.175-38L	3	6	3.175	38
D3-8-D3.175-38L	3	8	3.175	38
D3-12-D3.175-38L	3	12	3.175	38
D3.175-8-D3.175-38L	3.175	8	3.175	38
D3.175-12-D3.175-38L	3.175	12	3.175	38
D3.175-15-D3.175-38L	3.175	15	3.175	38
D3.175-17-D3.175-38L	3.175	17	3.175	38
D3.175-22-D3.175-45L	3.175	22	3.175	45
D3.175-25-D3.175-50L	3.175	25	3.175	50
D4-12-D4-50L	4	12	4	50
D4-15-D4-50L	4	15	4	50
D4-17-D4-50L	4	17	4	50
D4-22-D4-50L	4	22	4	50
D4-25-D4-50L	4	25	4	50
D4-28-D4-60L	4	28	4	60

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL
													●	●

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL
													●	●

YA550A Corn Milling Cutter



Technical Specification



P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL
D4-32-D4-60L	4	32	4	60
D6-12-D6-50L	6	12	6	50
D6-15-D6-50L	6	15	6	50
D6-17-D6-50L	6	17	6	50
D6-22-D6-50L	6	22	6	50
D6-25-D6-50L	6	25	6	50
D6-28-D6-55L	6	28	6	55
D6-32-D6-60L	6	32	6	60
D6-35-D6-65L	6	35	6	65
D6-42-D6-75L	6	42	6	75
D6-52-D6-100L	6	52	6	100
D8-22-D8-60L	8	22	8	60
D8-25-D8-60L	8	25	8	60
D8-32-D8-60L	8	32	8	60
D10-25-D10-75L	10	25	10	75
D10-32-D10-75L	10	32	10	75
D10-35-D10-75L	10	35	10	75
D10-60-D10-100L	10	60	10	100

YA553R Roughing Milling Cutter(3F)



Technical Specification



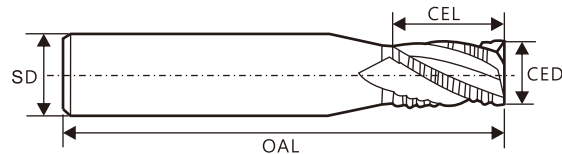
P	H	M	K	N	S
				●	

Specification	CED	CEL	SD	OAL	F
D6-15-D6-50L-3T	6	15	6	50	3
D8-20-D8-60L-3T	8	20	8	60	3
D10-30-D10-75L-3T	10	30	10	75	3
D12-30-D12-75L-3T	12	30	12	75	3

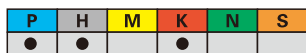
Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Cast Iron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—
													●	●	—

YP554R Roughing Milling Cutter(4F)



Technical Specification



Specification	CED	CEL	SD	OAL	F
D6-15-D6-50L-4T	6	15	6	50	4
D8-20-D8-60L-4T	8	20	8	60	4
D10-25-D10-75L-4T	10	25	10	75	4
D12-30-D12-75L-4T	12	30	12	75	4

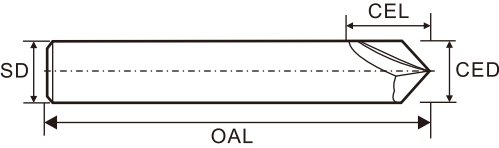
Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Cast Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel	Heat-resistant Steel
C<0.25%	C0.25~0.45%	C>0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	SC	FC	FCD	Cu	AL	—	—	—
●	●	●	●	●	●	○		○	●	●	●	●					



Solid Carbide Drill 整体硬质合金钻头



YA552C Solid Carbide Chamfering



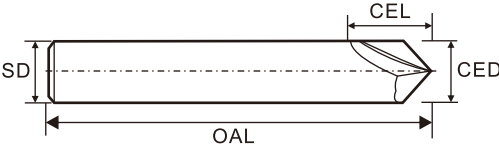
Technical Specification



Specification	CED	A	CEL	SD	OAL	F
D1-60A-3-D4-50L-2T	1	60°	3	4	50	2
D1.5-60A-4.5-D4-50L-2T	1.5	60°	4.5	4	50	2
D2-60A-6-D4-50L-2T	2	60°	6	4	50	2
D2.5-60A-7.5-D4-50L-2T	2.5	60°	7.5	4	50	2
D3-60A-9-D4-50L-2T	3	60°	9	4	50	2
D4-60A-12-D4-50L-2T	4	60°	12	4	50	2
D5-60A-15-D5-50L-2T	5	60°	15	5	50	2
D6-60A-18-D6-50L-2T	6	60°	18	6	50	2
D8-60A-24-D8-60L-2T	8	60°	24	8	60	2
D10-60A-30-D10-75L-2T	10	60°	30	10	75	2
D1-90A-3-D4-50L-2T	1	90°	3	4	50	2
D1.5-90A-4.5-D4-50L-2T	1.5	90°	4.5	4	50	2
D2-90A-6-D4-50L-2T	2	90°	6	4	50	2
D2.5-90A-7.5-D4-50L-2T	2.5	90°	7.5	4	50	2
D3-90A-9-D4-50L-2T	3	90°	9	4	50	2
D4-90A-12-D4-50L-2T	4	90°	12	4	50	2
D5-90A-15-D5-50L-2T	5	90°	15	5	50	2
D6-90A-18-D6-50L-2T	6	90°	18	6	50	2
D8-90A-24-D8-60L-2T	8	90°	24	8	60	2
D10-90A-30-D10-75L-2T	10	90°	30	10	75	2
D12-90A-36-D12-75L-2T	12	90°	36	12	75	2
D1-120A-3-D4-50L-2T	1	120°	3	4	50	2
D1.5-120A-6-D4-50L-2T	1.5	120°	4.5	4	50	2
D2-120A-6-D4-50L-2T	2	120°	6	4	50	2
D2.5-120A-7.5-D4-50L-2T	2.5	120°	7.5	4	50	2
D3-120A-9-D4-50L-2T	3	120°	9	4	50	2
D4-120A-12-D4-50L-2T	4	120°	12	4	50	2
D6-120A-18-D6-50L-2T	6	120°	18	6	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
○	○	○	○	○	○			○	○	○	●	●	●	●	●		

YP552C Solid Carbide Chamfering



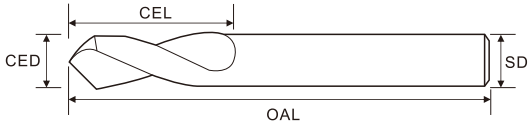
Technical Specification



Specification	CED	A	CEL	SD	OAL	F
D1-60A-3-D4-50L-2T	1	60°	3	4	50	2
D1.5-60A-4.5-D4-50L-2T	1.5	60°	4.5	4	50	2
D2-60A-6-D4-50L-2T	2	60°	6	4	50	2
D2.5-60A-7.5-D4-50L-2T	2.5	60°	7.5	4	50	2
D3-60A-9-D4-50L-2T	3	60°	9	4	50	2
D4-60A-12-D4-50L-2T	4	60°	12	4	50	2
D5-60A-15-D5-50L-2T	5	60°	15	5	50	2
D6-60A-18-D6-50L-2T	6	60°	18	6	50	2
D8-60A-24-D8-60L-2T	8	60°	24	8	60	2
D10-60A-30-D10-75L-2T	10	60°	30	10	75	2
D1-90A-3-D4-50L-2T	1	90°	3	4	50	2
D1.5-90A-4.5-D4-50L-2T	1.5	90°	4.5	4	50	2
D2-90A-6-D4-50L-2T	2	90°	6	4	50	2
D2.5-90A-7.5-D4-50L-2T	2.5	90°	7.5	4	50	2
D3-90A-9-D4-50L-2T	3	90°	9	4	50	2
D4-90A-12-D4-50L-2T	4	90°	12	4	50	2
D5-90A-15-D5-50L-2T	5	90°	15	5	50	2
D6-90A-18-D6-50L-2T	6	90°	18	6	50	2
D8-90A-24-D8-60L-2T	8	90°	24	8	60	2
D10-90A-30-D10-75L-2T	10	90°	30	10	75	2
D12-90A-36-D12-75L-2T	12	90°	36	12	75	2
D1-120A-3-D4-50L-2T	1	120°	3	4	50	2
D1.5-120A-6-D4-50L-2T	1.5	120°	4.5	4	50	2
D2-120A-6-D4-50L-2T	2	120°	6	4	50	2
D2.5-120A-7.5-D4-50L-2T	2.5	120°	7.5	4	50	2
D3-120A-9-D4-50L-2T	3	120°	9	4	50	2
D4-120A-12-D4-50L-2T	4	120°	12	4	50	2
D6-120A-18-D6-50L-2T	6	120°	18	6	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-

YA552SDC Solid Carbide Spot Drill



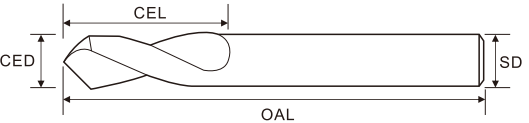
Technical Specification



Specification	CED	A	CEL	SD	OAL	F
D1-60A-3-D4-50L-2T	1	60°	3	4	50	2
D1.5-60A-4.5-D4-50L-2T	1.5	60°	4.5	4	50	2
D2-60A-6-D4-50L-2T	2	60°	6	4	50	2
D2.5-60-7.5-D4-50L-2T	2.5	60°	7.5	4	50	2
D3-60A-9-D3-50L-2T	3	60°	9	3	50	2
D3-60A-9-D4-50L-2T	3	60°	9	4	50	2
D4-60A-12-D4-50L-2T	4	60°	12	4	50	2
D5-60A-15-D5-50L-2T	5	60°	15	5	50	2
D6-60A-18-D6-50L-2T	6	60°	18	6	50	2
D8-60A-24-D8-60L-2T	8	60°	24	8	60	2
D10-60A-30-D10-75L-2T	10	60°	30	10	75	2
D12-60A-36-D12-75L-2T	12	60°	36	12	75	2
D0.3-90A-0.9-D4-50L-2T	0.3	90°	0.9	4	50	2
D0.4-90A-1.2-D4-50L-2T	0.4	90°	1.2	4	50	2
D0.5-90A-1.5-D4-50L-2T	0.5	90°	1.5	4	50	2
D0.6-90A-1.8-D4-50L-2T	0.6	90°	1.8	4	50	2
D0.7-90A-2.1-D4-50L-2T	0.7	90°	2.1	4	50	2
D0.8-90A-2.4-D4-50L-2T	0.8	90°	2.4	4	50	2
D0.9-90A-2.7-D4-50L-2T	0.9	90°	2.7	4	50	2
D1-90A-3-D4-50L-2T	1	90°	3	4	50	2
D1.1-90A-3.3-D4-50L-2T	1.1	90°	3.3	4	50	2
D1.2-90A-3.6-D4-50L-2T	1.2	90°	3.6	4	50	2
D1.3-90A-3.9-D4-50L-2T	1.3	90°	3.9	4	50	2
D1.4-90A-4.2-D4-50L-2T	1.4	90°	4.2	4	50	2
D1.5-90A-4.5-D4-50L-2T	1.5	90°	4.5	4	50	2
D1.6-90A-4.8-D4-50L-2T	1.6	90°	4.8	4	50	2

Application table of the material to be cut (Most Applicable ● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YA552SDC Solid Carbide Spot Drill



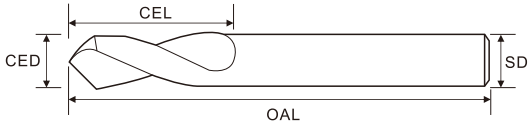
Technical Specification



Specification	CED	A	CEL	SD	OAL	F
D1.7-90A-5.1-D4-50L-2T	1.7	90°	5.1	4	50	2
D1.8-90A-5.4-D4-50L-2T	1.8	90°	5.4	4	50	2
D1.9-90A-5.7-D4-50L-2T	1.9	90°	5.7	4	50	2
D2-90A-6-D4-50L-2T	2	90°	6	4	50	2
D2.1-90A-6.3-D4-50L-2T	2.1	90°	6.3	4	50	2
D2.2-90A-6.6-D4-50L-2T	2.2	90°	6.6	4	50	2
D2.3-90A-6.9-D4-50L-2T	2.3	90°	6.9	4	50	2
D2.4-90A-7.2-D4-50L-2T	2.4	90°	7.2	4	50	2
D2.5-90A-7.5-D4-50L-2T	2.5	90°	7.5	4	50	2
D2.6-90A-7.8-D4-50L-2T	2.6	90°	7.8	4	50	2
D2.7-90A-8.1-D4-50L-2T	2.7	90°	8.1	4	50	2
D2.8-90A-8.4-D4-50L-2T	2.8	90°	8.4	4	50	2
D2.9-90A-8.7-D4-50L-2T	2.9	90°	8.7	4	50	2
D3-90A-9-D3-50L-2T	3	90°	9	3	50	2
D3-90A-9-D4-50L-2T	3	90°	9	4	50	2
D3.1-90A-9.3-D4-50L-2T	3.1	90°	9.3	4	50	2
D3.2-90A-9.6-D4-50L-2T	3.2	90°	9.6	4	50	2
D3.3-90A-9.9-D4-50L-2T	3.3	90°	9.9	4	50	2
D3.4-90A-10.2-D4-50L-2T	3.4	90°	10.2	4	50	2
D3.5-90A-10.5-D4-50L-2T	3.5	90°	10.5	4	50	2
D3.6-90A-10.8-D4-50L-2T	3.6	90°	10.8	4	50	2
D3.7-90A-11.1-D4-50L-2T	3.7	90°	11.1	4	50	2
D3.8-90A-11.4-D4-50L-2T	3.8	90°	11.4	4	50	2
D3.9-90A-11.7-D4-50L-2T	3.9	90°	11.7	4	50	2
D4-90A-12-D4-50L-2T	4	90°	12	4	50	2
D4-90A-12-D4-75L-2T	4	90°	12	4	75	2

Application table of the material to be cut (Most Applicable ● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YA552SDC Solid Carbide Spot Drill



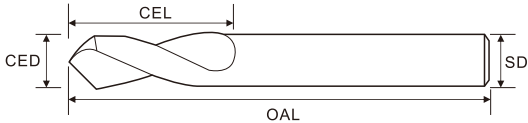
Technical Specification



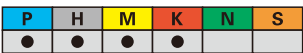
Specification	CED	A	CEL	SD	OAL	F
D4-90A-12-D4-100L-2T	4	90°	12	4	100	2
D4.5-90A-13.5-D6-50L-2T	4.5	90°	13.5	6	50	2
D5-90A-15-D5-50L-2T	5	90°	15	5	50	2
D5-90A-15-D5-100L-2T	5	90°	15	5	100	2
D5.5-90A-16.5-D6-50L-2T	5.5	90°	16.5	6	50	2
D6-90A-18-D6-50L-2T	6	90°	18	6	50	2
D6-90A-18-D6-100L-2T	6	90°	18	6	100	2
D6.5-90A-19.5-D8-60L-2T	6.5	90°	19.5	8	60	2
D7-90A-21-D8-60L-2T	7	90°	21	8	60	2
D8-90A-24-D8-60L-2T	8	90°	24	8	60	2
D8-90A-24-D8-100L-2T	8	90°	24	8	100	2
D10-90A-30-D10-75L-2T	10	90°	30	10	75	2
D10-90A-30-D10-100L-2T	10	90°	30	10	100	2
D12-90A-36-D12-75L-2T	12	90°	36	12	75	2
D12-90A-36-D12-100L-2T	12	90°	36	12	100	2
D1-120A-3-D4-50L-2T	1	120°	3	4	50	2
D1.5-120A-4.5-D4-50L-2T	1.5	120°	4.5	4	50	2
D2-120A-6-D4-50L-2T	2	120°	6	4	50	2
D2.5-120-7.5-D4-50L-2T	2.5	120°	7.5	4	50	2
D3-120A-9-D3-50L-2T	3	120°	9	3	50	2
D4-120A-12-D4-50L-2T	4	120°	12	4	50	2
D5-120A-15-D5-50L-2T	5	120°	15	5	50	2
D6-120A-18-D6-50L-2T	6	120°	18	6	50	2
D8-120A-24-D8-60L-2T	8	120°	24	8	60	2
D10-120A-30-D10-75L-2T	10	120°	30	10	75	2
D12-120A-36-D12-75L-2T	12	120°	36	12	75	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YP552SDC Solid Carbide Spot Drill



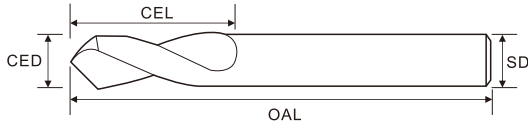
Technical Specification



Specification	CED	A	CEL	SD	OAL	F
D1-60A-3-D4-50L-2T	1	60°	3	4	50	2
D1.5-60A-4.5-D4-50L-2T	1.5	60°	4.5	4	50	2
D2-60A-6-D4-50L-2T	2	60°	6	4	50	2
D2.5-60-7.5-D4-50L-2T	2.5	60°	7.5	4	50	2
D3-60A-9-D3-50L-2T	3	60°	9	3	50	2
D3-60A-9-D4-50L-2T	3	60°	9	4	50	2
D4-60A-12-D4-50L-2T	4	60°	12	4	50	2
D5-60A-15-D5-50L-2T	5	60°	15	5	50	2
D6-60A-18-D6-50L-2T	6	60°	18	6	50	2
D8-60A-24-D8-60L-2T	8	60°	24	8	60	2
D10-60A-30-D10-75L-2T	10	60°	30	10	75	2
D12-60A-36-D12-75L-2T	12	60°	36	12	75	2
D0.3-90A-0.9-D4-50L-2T	0.3	90°	0.9	4	50	2
D0.4-90A-1.2-D4-50L-2T	0.4	90°	1.2	4	50	2
D0.5-90A-1.5-D4-50L-2T	0.5	90°	1.5	4	50	2
D0.6-90A-1.8-D4-50L-2T	0.6	90°	1.8	4	50	2
D0.7-90A-2.1-D4-50L-2T	0.7	90°	2.1	4	50	2
D0.8-90A-2.4-D4-50L-2T	0.8	90°	2.4	4	50	2
D0.9-90A-2.7-D4-50L-2T	0.9	90°	2.7	4	50	2
D1-90A-3-D4-50L-2T	1	90°	3	4	50	2
D1.1-90A-3.3-D4-50L-2T	1.1	90°	3.3	4	50	2
D1.2-90A-3.6-D4-50L-2T	1.2	90°	3.6	4	50	2
D1.3-90A-3.9-D4-50L-2T	1.3	90°	3.9	4	50	2
D1.4-90A-4.2-D4-50L-2T	1.4	90°	4.2	4	50	2
D1.5-90A-4.5-D4-50L-2T	1.5	90°	4.5	4	50	2
D1.6-90A-4.8-D4-50L-2T	1.6	90°	4.8	4	50	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-

YP552SDC Solid Carbide Spot Drill



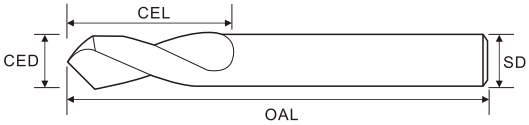
Technical Specification



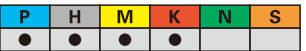
规格 Specification	刃径 CED	全角角度 A	刃长 CEL	柄径 SD	总长 OAL	刃数 F
D1.7-90A-5.1-D4-50L-2T	1.7	90°	5.1	4	50	2
D1.8-90A-5.4-D4-50L-2T	1.8	90°	5.4	4	50	2
D1.9-90A-5.7-D4-50L-2T	1.9	90°	5.7	4	50	2
D2-90A-6-D4-50L-2T	2	90°	6	4	50	2
D2.1-90A-6.3-D4-50L-2T	2.1	90°	6.3	4	50	2
D2.2-90A-6.6-D4-50L-2T	2.2	90°	6.6	4	50	2
D2.3-90A-6.9-D4-50L-2T	2.3	90°	6.9	4	50	2
D2.4-90A-7.2-D4-50L-2T	2.4	90°	7.2	4	50	2
D2.5-90A-7.5-D4-50L-2T	2.5	90°	7.5	4	50	2
D2.6-90A-7.8-D4-50L-2T	2.6	90°	7.8	4	50	2
D2.7-90A-8.1-D4-50L-2T	2.7	90°	8.1	4	50	2
D2.8-90A-8.4-D4-50L-2T	2.8	90°	8.4	4	50	2
D2.9-90A-8.7-D4-50L-2T	2.9	90°	8.7	4	50	2
D3-90A-9-D3-50L-2T	3	90°	9	3	50	2
D3-90A-9-D4-50L-2T	3	90°	9	4	50	2
D3.1-90A-9.3-D4-50L-2T	3.1	90°	9.3	4	50	2
D3.2-90A-9.6-D4-50L-2T	3.2	90°	9.6	4	50	2
D3.3-90A-9.9-D4-50L-2T	3.3	90°	9.9	4	50	2
D3.4-90A-10.2-D4-50L-2T	3.4	90°	10.2	4	50	2
D3.5-90A-10.5-D4-50L-2T	3.5	90°	10.5	4	50	2
D3.6-90A-10.8-D4-50L-2T	3.6	90°	10.8	4	50	2
D3.7-90A-11.1-D4-50L-2T	3.7	90°	11.1	4	50	2
D3.8-90A-11.4-D4-50L-2T	3.8	90°	11.4	4	50	2
D3.9-90A-11.7-D4-50L-2T	3.9	90°	11.7	4	50	2
D4-90A-12-D4-50L-2T	4	90°	12	4	50	2
D4-90A-12-D4-75L-2T	4	90°	12	4	75	2

Application table of the material to be cut (Most Applicable ● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YP552SDC Solid Carbide Spot Drill



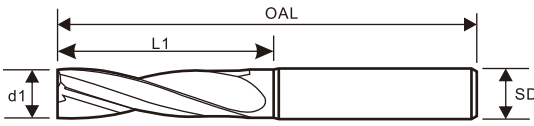
Technical Specification



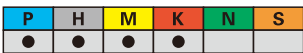
规格 Specification	刃径 CED	全角角度 A	刃长 CEL	柄径 SD	总长 OAL	刃数 F
D4-90A-12-D4-100L-2T	4	90°	12	4	100	2
D4.5-90A-13.5-D6-50L-2T	4.5	90°	13.5	6	50	2
D5-90A-15-D5-50L-2T	5	90°	15	5	50	2
D5-90A-15-D5-100L-2T	5	90°	15	5	100	2
D5.5-90A-16.5-D6-50L-2T	5.5	90°	16.5	6	50	2
D6-90A-18-D6-50L-2T	6	90°	18	6	50	2
D6-90A-18-D6-100L-2T	6	90°	18	6	100	2
D6.5-90A-19.5-D8-60L-2T	6.5	90°	19.5	8	60	2
D7-90A-21-D8-60L-2T	7	90°	21	8	60	2
D8-90A-24-D8-60L-2T	8	90°	24	8	60	2
D8-90A-24-D8-100L-2T	8	90°	24	8	100	2
D10-90A-30-D10-75L-2T	10	90°	30	10	75	2
D10-90A-30-D10-100L-2T	10	90°	30	10	100	2
D12-90A-36-D12-75L-2T	12	90°	36	12	75	2
D12-90A-36-D12-100L-2T	12	90°	36	12	100	2
D1-120A-3-D4-50L-2T	1	120°	3	4	50	2
D1.5-120A-4.5-D4-50L-2T	1.5	120°	4.5	4	50	2
D2-120A-6-D4-50L-2T	2	120°	6	4	50	2
D2.5-120-7.5-D4-50L-2T	2.5	120°	7.5	4	50	2
D3-120A-9-D3-50L-2T	3	120°	9	3	50	2
D4-120A-12-D4-50L-2T	4	120°	12	4	50	2
D5-120A-15-D5-50L-2T	5	120°	15	5	50	2
D6-120A-18-D6-50L-2T	6	120°	18	6	50	2
D8-120A-24-D8-60L-2T	8	120°	24	8	60	2
D10-120A-30-D10-75L-2T	10	120°	30	10	75	2
D12-120A-36-D12-75L-2T	12	120°	36	12	75	2

Application table of the material to be cut (Most Applicable ● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



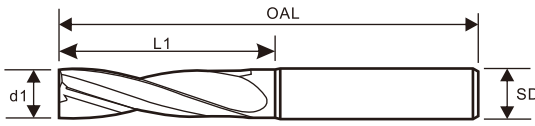
Technical Specification



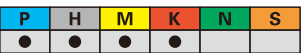
Specification	d1	L1	SD	OAL	F
D2.0-13-D4-50L	2	13	4	50	2
D2.1-13-D4-50L	2.1	13	4	50	2
D2.2-13-D4-50L	2.2	13	4	50	2
D2.3-13-D4-50L	2.3	13	4	50	2
D2.4-13-D4-50L	2.4	13	4	50	2
D2.5-13-D4-50L	2.5	13	4	50	2
D2.6-13-D4-50L	2.6	13	4	50	2
D2.7-13-D4-50L	2.7	13	4	50	2
D2.8-13-D4-50L	2.8	13	4	50	2
D2.9-13-D4-50L	2.9	13	4	50	2
D3.0-16-D4-50L	3	16	4	50	2
D3.1-16-D4-50L	3.1	16	4	50	2
D3.2-16-D4-50L	3.2	16	4	50	2
D3.3-16-D4-50L	3.3	16	4	50	2
D3.4-16-D4-50L	3.4	16	4	50	2
D3.5-16-D4-50L	3.5	16	4	50	2
D3.6-16-D4-50L	3.6	16	4	50	2
D3.7-16-D4-50L	3.7	16	4	50	2
D3.8-16-D4-50L	3.8	16	4	50	2
D3.9-16-D4-50L	3.9	16	4	50	2
D4.0-16-D4-50L	4	16	4	50	2
D4.1-20-D6-61L	4.1	20	6	61	2
D4.2-20-D6-61L	4.2	20	6	61	2
D4.3-20-D6-61L	4.3	20	6	61	2
D4.4-20-D6-61L	4.4	20	6	61	2
D4.5-20-D6-61L	4.5	20	6	61	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



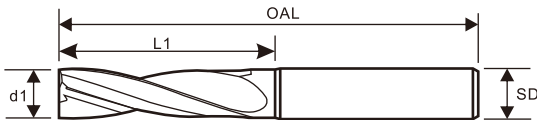
Technical Specification



Specification	d1	L1	SD	OAL	F
D4.6-20-D6-61L	4.6	20	6	61	2
D4.7-20-D6-61L	4.7	20	6	61	2
D4.8-20-D6-61L	4.8	20	6	61	2
D4.9-20-D6-61L	4.9	20	6	61	2
D5.0-20-D6-61L	5	20	6	61	2
D5.1-24-D6-65L	5.1	24	6	65	2
D5.2-24-D6-65L	5.2	24	6	65	2
D5.3-24-D6-65L	5.3	24	6	65	2
D5.4-24-D6-65L	5.4	24	6	65	2
D5.5-24-D6-65L	5.5	24	6	65	2
D5.6-24-D6-65L	5.6	24	6	65	2
D5.7-24-D6-65L	5.7	24	6	65	2
D5.8-24-D6-65L	5.8	24	6	65	2
D5.9-24-D6-65L	5.9	24	6	65	2
D6.0-24-D6-65L	6	24	6	65	2
D6.1-28-D8-69L	6.1	28	8	69	2
D6.2-28-D8-69L	6.2	28	8	69	2
D6.3-28-D8-69L	6.3	28	8	69	2
D6.4-28-D8-69L	6.4	28	8	69	2
D6.5-28-D8-69L	6.5	28	8	69	2
D6.6-28-D8-69L	6.6	28	8	69	2
D6.7-28-D8-69L	6.7	28	8	69	2
D6.8-28-D8-69L	6.8	28	8	69	2
D6.9-28-D8-69L	6.9	28	8	69	2
D7.0-28-D8-69L	7	28	8	69	2
D7.1-32-D8-73L	7.1	32	8	73	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



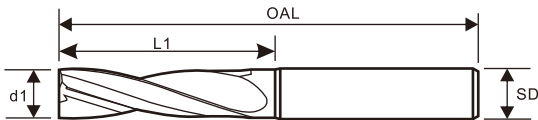
Technical Specification



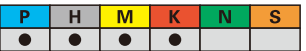
Specification	d1	L1	SD	OAL	F
D7.2-32-D8-73L	7.2	32	8	73	2
D7.3-32-D8-73L	7.3	32	8	73	2
D7.4-32-D8-73L	7.4	32	8	73	2
D7.5-32-D8-73L	7.5	32	8	73	2
D7.6-32-D8-73L	7.6	32	8	73	2
D7.7-32-D8-73L	7.7	32	8	73	2
D7.8-32-D8-73L	7.8	32	8	73	2
D7.9-32-D8-73L	7.9	32	8	73	2
D8.0-32-D8-73L	8	32	8	73	2
D8.1-36-D10-81	8.1	36	10	81	2
D8.2-36-D10-81	8.2	36	10	81	2
D8.3-36-D10-81	8.3	36	10	81	2
D8.4-36-D10-81	8.4	36	10	81	2
D8.5-36-D10-81	8.5	36	10	81	2
D8.6-36-D10-81	8.6	36	10	81	2
D8.7-36-D10-81	8.7	36	10	81	2
D8.8-36-D10-81	8.8	36	10	81	2
D8.9-36-D10-81	8.9	36	10	81	2
D9.0-36-D10-81	9	36	10	81	2
D9.1-40-D10-85	9.1	40	10	85	2
D9.2-40-D10-85	9.2	40	10	85	2
D9.3-40-D10-85	9.3	40	10	85	2
D9.4-40-D10-85	9.4	40	10	85	2
D9.5-40-D10-85	9.5	40	10	85	2
D9.6-40-D10-85	9.6	40	10	85	2
D9.7-40-D10-85	9.7	40	10	85	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



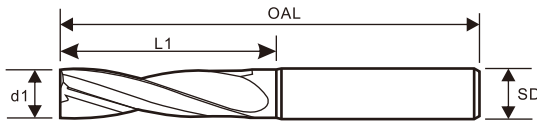
Technical Specification



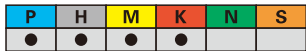
Specification	d1	L1	SD	OAL	F
D9.8-40-D10-85	9.8	40	10	85	2
D9.9-40-D10-85	9.9	40	10	85	2
D10.0-40-D10-85	10	40	10	85	2
D10.1-44-D12-94	10.1	44	12	94	2
D10.2-44-D12-94	10.2	44	12	94	2
D10.3-44-D12-94	10.3	44	12	94	2
D10.4-44-D12-94L	10.4	44	12	94	2
D10.5-44-D12-94L	10.5	44	12	94	2
D10.6-44-D12-94L	10.6	44	12	94	2
D10.7-44-D12-94L	10.7	44	12	94	2
D10.8-44-D12-94L	10.8	44	12	94	2
D10.9-44-D12-94L	10.9	44	12	94	2
D11.0-44-D12-94L	11	44	12	94	2
D11.1-48-D12-98L	11.1	48	12	98	2
D11.2-48-D12-98L	11.2	48	12	98	2
D11.3-48-D12-98L	11.3	48	12	98	2
D11.4-48-D12-98L	11.4	48	12	98	2
D11.5-48-D12-98L	11.5	48	12	98	2
D11.6-48-D12-98L	11.6	48	12	98	2
D11.7-48-D12-98L	11.7	48	12	98	2
D11.8-48-D12-98L	11.8	48	12	98	2
D11.9-48-D12-98L	11.9	48	12	98	2
D12.0-48-D12-98L	12	48	12	98	2
D12.1-52-D14-102L	12.1	52	14	102	2
D12.2-52-D14-102L	12.2	52	14	102	2
D12.3-52-D14-102L	12.3	52	14	102	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



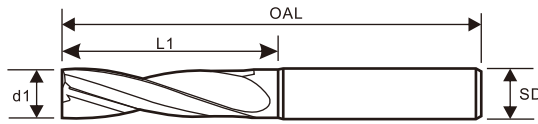
Technical Specification



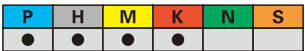
Specification	d1	L1	SD	OAL	F
D12.4-52-D14-102L	12.4	52	14	102	2
D12.5-52-D14-102L	12.5	52	14	102	2
D12.6-52-D14-102L	12.6	52	14	102	2
D12.7-52-D14-102L	12.7	52	14	102	2
D12.8-52-D14-102L	12.8	52	14	102	2
D12.9-52-D14-102L	12.9	52	14	102	2
D13.0-52-D14-102L	13	52	14	102	2
D13.1-56-D14-106L	13.1	56	14	106	2
D13.2-56-D14-106L	13.2	56	14	106	2
D13.3-56-D14-106L	13.3	56	14	106	2
D13.4-56-D14-106L	13.4	56	14	106	2
D13.5-56-D14-106L	13.5	56	14	106	2
D13.6-56-D14-106L	13.6	56	14	106	2
D13.7-56-D14-106L	13.7	56	14	106	2
D13.8-56-D14-106L	13.8	56	14	106	2
D13.9-56-D14-106L	13.9	56	14	106	2
D14.0-56-D14-106L	14	56	14	106	2
D14.1-60-D16-113L	14.1	60	16	113	2
D14.2-60-D16-113L	14.2	60	16	113	2
D14.3-60-D16-113L	14.3	60	16	113	2
D14.4-60-D16-113L	14.4	60	16	113	2
D14.5-60-D16-113L	14.5	60	16	113	2
D14.6-60-D16-113L	14.6	60	16	113	2
D14.7-60-D16-113L	14.7	60	16	113	2
D14.8-60-D16-113L	14.8	60	16	113	2
D14.9-60-D16-113L	14.9	60	16	113	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



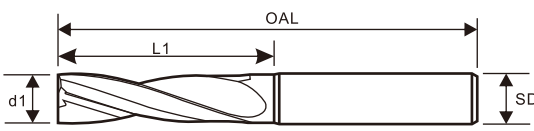
Technical Specification



Specification	d1	L1	SD	OAL	F
D15.0-60-D16-113L	15	60	16	113	2
D15.1-64-D16-117L	15.1	64	16	117	2
D15.2-64-D16-117L	15.2	64	16	117	2
D15.3-64-D16-117L	15.3	64	16	117	2
D15.4-64-D16-117L	15.4	64	16	117	2
D15.5-64-D16-117L	15.5	64	16	117	2
D15.6-64-D16-117L	15.6	64	16	117	2
D15.7-64-D16-117L	15.7	64	16	117	2
D15.8-64-D16-117L	15.8	64	16	117	2
D15.9-64-D16-117L	15.9	64	16	117	2
D16.0-64-D16-117L	16	64	16	117	2
D16.1-68-D18-121L	16.1	68	18	121	2
D16.2-68-D18-121L	16.2	68	18	121	2
D16.3-68-D18-121L	16.3	68	18	121	2
D16.4-68-D18-121L	16.4	68	18	121	2
D16.5-68-D18-121L	16.5	68	18	121	2
D16.6-68-D18-121L	16.6	68	18	121	2
D16.7-68-D18-121L	16.7	68	18	121	2
D16.8-68-D18-121L	16.8	68	18	121	2
D16.9-68-D18-121L	16.9	68	18	121	2
D17.0-68-D18-121L	17	68	18	121	2
D17.1-72-D18-125L	17.1	72	18	125	2
D17.2-72-D18-125L	17.2	72	18	125	2
D17.3-72-D18-125L	17.3	72	18	125	2
D17.4-72-D18-125L	17.4	72	18	125	2
D17.5-72-D18-125L	17.5	72	18	125	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	—	—	—	—	—
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZFSD Flat Carbide Drill



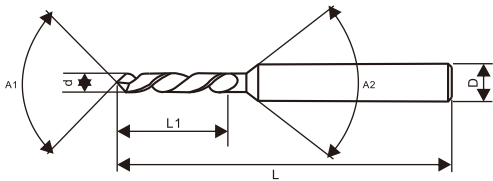
Technical Specification



Specification	d1	L1	SD	OAL	F
D17.6-72-D18-125L	17.6	72	18	125	2
D17.7-72-D18-125L	17.7	72	18	125	2
D17.8-72-D18-125L	17.8	72	18	125	2
D17.9-72-D18-125L	17.9	72	18	125	2
D18.0-72-D18-125L	18	72	18	125	2
D18.1-76-D20-131L	18.1	76	20	131	2
D18.2-76-D20-131L	18.2	76	20	131	2
D18.3-76-D20-131L	18.3	76	20	131	2
D18.4-76-D20-131L	18.4	76	20	131	2
D18.5-76-D20-131L	18.5	76	20	131	2
D18.6-76-D20-131L	18.6	76	20	131	2
D18.7-76-D20-131L	18.7	76	20	131	2
D18.8-76-D20-131L	18.8	76	20	131	2
D18.9-76-D20-131L	18.9	76	20	131	2
D19.0-76-D20-131L	19	76	20	131	2
D19.1-80-D20-135L	19.1	80	20	135	2
D19.2-80-D20-135L	19.2	80	20	135	2
D19.3-80-D20-135L	19.3	80	20	135	2
D19.4-80-D20-135L	19.4	80	20	135	2
D19.5-80-D20-135L	19.5	80	20	135	2
D19.6-80-D20-135L	19.6	80	20	135	2
D19.7-80-D20-135L	19.7	80	20	135	2
D19.8-80-D20-135L	19.8	80	20	135	2
D19.9-80-D20-135L	19.9	80	20	135	2
D20.0-80-D20-135L	20	80	20	135	2

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZ228 Solid Carbide Micro Diameter Drill



Technical Specification

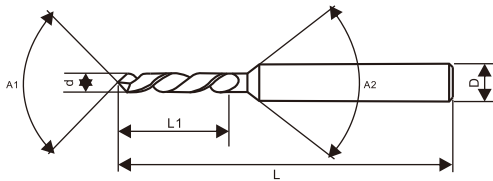


Specification	d	L1	D	L
YZ228-0040	0.04	0.4	3	38
YZ228-0045	0.045	0.45	3	38
YZ228-0050	0.05	0.5	3	38
YZ228-0055	0.055	0.55	3	38
YZ228-0060	0.06	0.6	3	38
YZ228-0065	0.065	0.65	3	38
YZ228-0070	0.07	0.7	3	38
YZ228-0075	0.075	0.75	3	38
YZ228-0080	0.08	0.8	3	38
YZ228-0085	0.085	0.85	3	38
YZ228-0090	0.09	0.9	3	38
YZ228-0095	0.095	0.95	3	38
YZ228-0100	0.10	1.5	3	38
YZ228-0110	0.11	1.5	3	38
YZ228-0120	0.12	2.5	3	38
YZ228-0130	0.13	2.5	3	38
YZ228-0140	0.14	2.5	3	38
YZ228-0150	0.15	2.5	3	38
YZ228-0160	0.16	2.5	3	38
YZ228-0170	0.17	2.5	3	38
YZ228-0180	0.18	2.5	3	38
YZ228-0190	0.19	2.5	3	38
YZ228-0200	0.20	3.5	3	38
YZ228-0210	0.21	3.5	3	38
YZ228-0220	0.22	3.5	3	38
YZ228-0230	0.23	3.5	3	38

Specification	d	L1	D	L
YZ228-0240	0.24	3.5	3	38
YZ228-0250	0.25	3.5	3	38
YZ228-0260	0.26	3.5	3	38
YZ228-0270	0.27	3.5	3	38
YZ228-0280	0.28	3.5	3	38
YZ228-0290	0.29	3.5	3	38
YZ228-0300	0.30	5	3	38
YZ228-0310	0.31	5	3	38
YZ228-0320	0.32	5	3	38
YZ228-0330	0.33	5	3	38
YZ228-0340	0.34	5	3	38
YZ228-0350	0.35	5	3	38
YZ228-0360	0.36	5	3	38
YZ228-0370	0.37	5	3	38
YZ228-0380	0.38	5	3	38
YZ228-0390	0.39	5	3	38
YZ228-0400	0.40	6	3	38
YZ228-0410	0.41	6	3	38
YZ228-0420	0.42	6	3	38
YZ228-0430	0.43	6	3	38
YZ228-0440	0.44	6	3	38
YZ228-0450	0.45	6	3	38
YZ228-0460	0.46	6	3	38
YZ228-0470	0.47	6	3	38
YZ228-0480	0.48	6	3	38
YZ228-0490	0.49	6	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	○	○

YZ228 Solid Carbide Micro Diameter Drill



Technical Specification

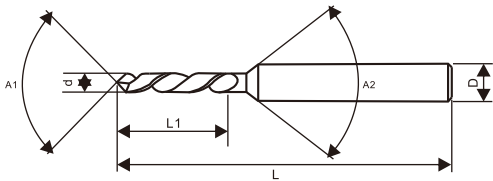


Specification	d	L1	D	L
YZ228-0500	0.50	6	3	38
YZ228-0510	0.51	6	3	38
YZ228-0520	0.52	6	3	38
YZ228-0530	0.53	6	3	38
YZ228-0540	0.54	6	3	38
YZ228-0550	0.55	6	3	38
YZ228-0560	0.56	6	3	38
YZ228-0570	0.57	6	3	38
YZ228-0580	0.58	6	3	38
YZ228-0590	0.59	6	3	38
YZ228-0600	0.60	7	3	38
YZ228-0610	0.61	7	3	38
YZ228-0620	0.62	7	3	38
YZ228-0630	0.63	7	3	38
YZ228-0640	0.64	7	3	38
YZ228-0650	0.65	7	3	38
YZ228-0660	0.66	7	3	38
YZ228-0670	0.67	7	3	38
YZ228-0680	0.68	7	3	38
YZ228-0690	0.69	7	3	38
YZ228-0700	0.70	8	3	38
YZ228-0710	0.71	8	3	38
YZ228-0720	0.72	8	3	38
YZ228-0730	0.73	8	3	38
YZ228-0740	0.74	8	3	38
YZ228-0750	0.75	8	3	38

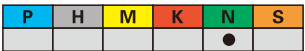
Specification	d	L1	D	L
YZ228-0760	0.76	8	3	38
YZ228-0770	0.77	8	3	38
YZ228-0780	0.78	8	3	38
YZ228-0790	0.79	8	3	38
YZ228-0800	0.80	8	3	38
YZ228-0810	0.81	8	3	38
YZ228-0820	0.82	8	3	38
YZ228-0830	0.83	8	3	38
YZ228-0840	0.84	8	3	38
YZ228-0850	0.85	8	3	38
YZ228-0860	0.86	8	3	38
YZ228-0870	0.87	8	3	38
YZ228-0880	0.88	8	3	38
YZ228-0890	0.89	8	3	38
YZ228-0900	0.90	8	3	38
YZ228-0910	0.91	8	3	38
YZ228-0920	0.92	8	3	38
YZ228-0930	0.93	8	3	38
YZ228-0940	0.94	8	3	38
YZ228-0950	0.95	8	3	38
YZ228-0960	0.96	8	3	38
YZ228-0970	0.97	8	3	38
YZ228-0980	0.98	8	3	38
YZ228-0990	0.99	8	3	38
YZ228-1000	1.00	10	3	38
YZ228-1010	1.01	10	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●

YZ228 Solid Carbide Micro Diameter Drill



Technical Specification

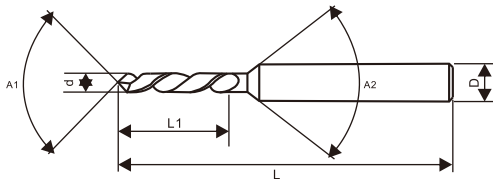


Specification	d	L1	D	L
YZ228-1020	1.02	10	3	38
YZ228-1030	1.03	10	3	38
YZ228-1040	1.04	10	3	38
YZ228-1050	1.05	10	3	38
YZ228-1060	1.06	10	3	38
YZ228-1070	1.07	10	3	38
YZ228-1080	1.08	10	3	38
YZ228-1090	1.09	10	3	38
YZ228-1100	1.10	10	3	38
YZ228-1110	1.11	10	3	38
YZ228-1120	1.12	10	3	38
YZ228-1130	1.13	10	3	38
YZ228-1140	1.14	10	3	38
YZ228-1150	1.15	10	3	38
YZ228-1160	1.16	10	3	38
YZ228-1170	1.17	10	3	38
YZ228-1180	1.18	10	3	38
YZ228-1190	1.19	10	3	38
YZ228-1200	1.20	10	3	38
YZ228-1210	1.21	10	3	38
YZ228-1220	1.22	10	3	38
YZ228-1230	1.23	10	3	38
YZ228-1240	1.24	10	3	38
YZ228-1250	1.25	10	3	38
YZ228-1260	1.26	10	3	38
YZ228-1270	1.27	10	3	38

Specification	d	L1	D	L
YZ228-1280	1.28	10	3	38
YZ228-1290	1.29	10	3	38
YZ228-1300	1.30	10	3	38
YZ228-1310	1.31	10	3	38
YZ228-1320	1.32	10	3	38
YZ228-1330	1.33	10	3	38
YZ228-1340	1.34	10	3	38
YZ228-1350	1.35	10	3	38
YZ228-1360	1.36	10	3	38
YZ228-1370	1.37	10	3	38
YZ228-1380	1.38	10	3	38
YZ228-1390	1.39	10	3	38
YZ228-1400	1.40	10	3	38
YZ228-1410	1.41	10	3	38
YZ228-1420	1.42	10	3	38
YZ228-1430	1.43	10	3	38
YZ228-1440	1.44	10	3	38
YZ228-1450	1.45	10	3	38
YZ228-1460	1.46	10	3	38
YZ228-1470	1.47	10	3	38
YZ228-1480	1.48	10	3	38
YZ228-1490	1.49	10	3	38
YZ228-1500	1.50	10	3	38
YZ228-1510	1.51	10	3	38
YZ228-1520	1.52	10	3	38
YZ228-1530	1.53	10	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●

YZ228 Solid Carbide Micro Diameter Drill



Technical Specification

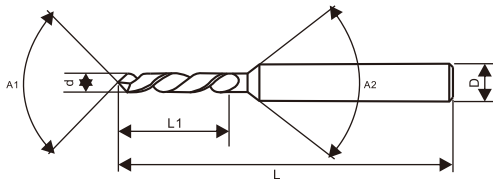


Specification	d	L1	D	L
YZ228-1540	1.54	10	3	38
YZ228-1550	1.55	10	3	38
YZ228-1560	1.56	10	3	38
YZ228-1570	1.57	10	3	38
YZ228-1580	1.58	10	3	38
YZ228-1590	1.59	10	3	38
YZ228-1600	1.60	12	3	38
YZ228-1610	1.61	12	3	38
YZ228-1620	1.62	12	3	38
YZ228-1630	1.63	12	3	38
YZ228-1640	1.64	12	3	38
YZ228-1650	1.65	12	3	38
YZ228-1660	1.66	12	3	38
YZ228-1670	1.67	12	3	38
YZ228-1680	1.68	12	3	38
YZ228-1690	1.69	12	3	38
YZ228-1700	1.70	12	3	38
YZ228-1710	1.71	12	3	38
YZ228-1720	1.72	12	3	38
YZ228-1730	1.73	12	3	38
YZ228-1740	1.74	12	3	38
YZ228-1750	1.75	12	3	38
YZ228-1760	1.76	12	3	38
YZ228-1770	1.77	12	3	38
YZ228-1780	1.78	12	3	38
YZ228-1790	1.79	12	3	38

Specification	d	L1	D	L
YZ228-1800	1.80	12	3	38
YZ228-1810	1.81	12	3	38
YZ228-1820	1.82	12	3	38
YZ228-1830	1.83	12	3	38
YZ228-1840	1.84	12	3	38
YZ228-1850	1.85	12	3	38
YZ228-1860	1.86	12	3	38
YZ228-1870	1.87	12	3	38
YZ228-1880	1.88	12	3	38
YZ228-1890	1.89	12	3	38
YZ228-1900	1.90	12	3	38
YZ228-1910	1.91	12	3	38
YZ228-1920	1.92	12	3	38
YZ228-1930	1.93	12	3	38
YZ228-1940	1.94	12	3	38
YZ228-1950	1.95	12	3	38
YZ228-1960	1.96	12	3	38
YZ228-1970	1.97	12	3	38
YZ228-1980	1.98	12	3	38
YZ228-1990	1.99	12	3	38
YZ228-2000	2.00	12	3	38
YZ228-2010	2.01	12	3	38
YZ228-2020	2.02	12	3	38
YZ228-2030	2.03	12	3	38
YZ228-2040	2.04	12	3	38
YZ228-2050	2.05	12	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●

YZ228 Solid Carbide Micro Diameter Drill



Technical Specification

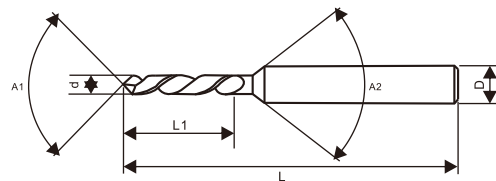


Specification	d	L1	D	L
YZ228-2060	2.06	12	3	38
YZ228-2070	2.07	12	3	38
YZ228-2080	2.08	12	3	38
YZ228-2090	2.09	12	3	38
YZ228-2100	2.10	12	3	38
YZ228-2110	2.11	12	3	38
YZ228-2120	2.12	12	3	38
YZ228-2130	2.13	12	3	38
YZ228-2140	2.14	12	3	38
YZ228-2150	2.15	12	3	38
YZ228-2160	2.16	12	3	38
YZ228-2170	2.17	12	3	38
YZ228-2180	2.18	12	3	38
YZ228-2190	2.19	12	3	38
YZ228-2200	2.20	12	3	38
YZ228-2210	2.21	12	3	38
YZ228-2220	2.22	12	3	38
YZ228-2230	2.23	12	3	38
YZ228-2240	2.24	12	3	38
YZ228-2250	2.25	12	3	38
YZ228-2260	2.26	12	3	38
YZ228-2270	2.27	12	3	38
YZ228-2280	2.28	12	3	38
YZ228-2290	2.29	12	3	38
YZ228-2300	2.30	12	3	38
YZ228-2310	2.31	12	3	38

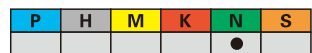
Specification	d	L1	D	L
YZ228-2320	2.32	12	3	38
YZ228-2330	2.33	12	3	38
YZ228-2340	2.34	12	3	38
YZ228-2350	2.35	12	3	38
YZ228-2360	2.36	12	3	38
YZ228-2370	2.37	12	3	38
YZ228-2380	2.38	12	3	38
YZ228-2390	2.39	12	3	38
YZ228-2400	2.40	12	3	38
YZ228-2410	2.41	12	3	38
YZ228-2420	2.42	12	3	38
YZ228-2430	2.43	12	3	38
YZ228-2440	2.44	12	3	38
YZ228-2450	2.45	12	3	38
YZ228-2460	2.46	12	3	38
YZ228-2470	2.47	12	3	38
YZ228-2480	2.48	12	3	38
YZ228-2490	2.49	12	3	38
YZ228-2500	2.50	12	3	38
YZ228-2510	2.51	12	3	38
YZ228-2520	2.52	12	3	38
YZ228-2530	2.53	12	3	38
YZ228-2540	2.54	12	3	38
YZ228-2550	2.55	12	3	38
YZ228-2560	2.56	12	3	38
YZ228-2570	2.57	12	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●

YZ228 Solid Carbide Micro Diameter Drill



Technical Specification

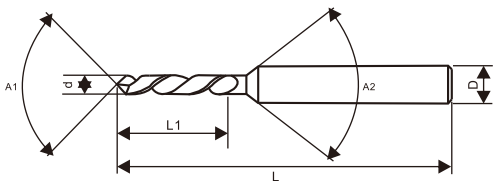


Specification	d	L1	D	L
YZ228-2580	2.58	12	3	38
YZ228-2590	2.59	12	3	38
YZ228-2600	2.60	12	3	38
YZ228-2610	2.61	12	3	38
YZ228-2620	2.62	12	3	38
YZ228-2630	2.63	12	3	38
YZ228-2640	2.64	12	3	38
YZ228-2650	2.65	12	3	38
YZ228-2660	2.66	12	3	38
YZ228-2670	2.67	12	3	38
YZ228-2680	2.68	12	3	38
YZ228-2690	2.69	12	3	38
YZ228-2700	2.70	12	3	38
YZ228-2710	2.71	12	3	38
YZ228-2720	2.72	12	3	38
YZ228-2730	2.73	12	3	38
YZ228-2740	2.74	12	3	38
YZ228-2750	2.75	12	3	38
YZ228-2760	2.76	12	3	38
YZ228-2770	2.77	12	3	38
YZ228-2780	2.78	12	3	38
YZ228-2790	2.79	12	3	38

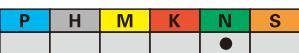
Specification	d	L1	D	L
YZ228-2800	2.8	12	3	38
YZ228-2810	2.81	12	3	38
YZ228-2820	2.82	12	3	38
YZ228-2830	2.83	12	3	38
YZ228-2840	2.84	12	3	38
YZ228-2850	2.85	12	3	38
YZ228-2860	2.86	12	3	38
YZ228-2870	2.87	12	3	38
YZ228-2880	2.88	12	3	38
YZ228-2890	2.89	12	3	38
YZ228-2900	2.90	12	3	38
YZ228-2910	2.91	12	3	38
YZ228-2920	2.92	12	3	38
YZ228-2930	2.93	12	3	38
YZ228-2940	2.94	12	3	38
YZ228-2950	2.95	12	3	38
YZ228-2960	2.96	12	3	38
YZ228-2970	2.97	12	3	38
YZ228-2980	2.98	12	3	38
YZ228-2990	2.99	12	3	38
YZ228-3000	3.00	12	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZ228L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

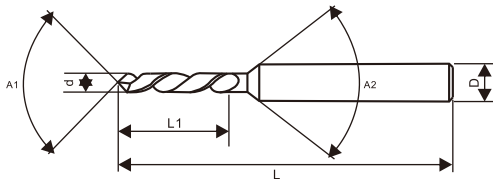


Specification	d	L1	D	L
YZ228L-0040	0.04	0.6	3	38
YZ228L-0045	0.045	0.7	3	38
YZ228L-0050	0.05	0.9	3	38
YZ228L-0055	0.055	0.9	3	38
YZ228L-0060	0.06	0.9	3	38
YZ228L-0065	0.065	0.9	3	38
YZ228L-0070	0.07	1.2	3	38
YZ228L-0075	0.075	1.2	3	38
YZ228L-0080	0.08	1.2	3	38
YZ228L-0085	0.085	1.2	3	38
YZ228L-0090	0.09	1.2	3	38
YZ228L-0095	0.095	1.2	3	38
YZ228L-0100	0.1	3	3	38
YZ228L-0110	0.11	3	3	38
YZ228L-0120	0.12	4	3	38
YZ228L-0130	0.13	4	3	38
YZ228L-0140	0.14	4	3	38
YZ228L-0150	0.15	5	3	38
YZ228L-0160	0.16	5	3	38
YZ228L-0170	0.17	5	3	38
YZ228L-0180	0.18	5	3	38
YZ228L-0190	0.19	5	3	38
YZ228L-0200	0.2	5	3	38
YZ228L-0210	0.21	5	3	38
YZ228L-0220	0.22	5	3	38
YZ228L-0230	0.23	5	3	38

Specification	d	L1	D	L
YZ228L-0240	0.24	5	3	38
YZ228L-0250	0.25	5	3	38
YZ228L-0260	0.26	6	3	38
YZ228L-0270	0.27	6	3	38
YZ228L-0280	0.28	6	3	38
YZ228L-0290	0.29	6	3	38
YZ228L-0300	0.3	8	3	38
YZ228L-0310	0.31	8	3	38
YZ228L-0320	0.32	8	3	38
YZ228L-0330	0.33	8	3	38
YZ228L-0340	0.34	8	3	38
YZ228L-0350	0.35	8	3	38
YZ228L-0360	0.36	8	3	38
YZ228L-0370	0.37	8	3	38
YZ228L-0380	0.38	8	3	38
YZ228L-0390	0.39	8	3	38
YZ228L-0400	0.4	9	3	38
YZ228L-0410	0.41	9	3	38
YZ228L-0420	0.42	9	3	38
YZ228L-0430	0.43	9	3	38
YZ228L-0440	0.44	9	3	38
YZ228L-0450	0.45	9	3	38
YZ228L-0460	0.46	9	3	38
YZ228L-0470	0.47	9	3	38
YZ228L-0480	0.48	9	3	38
YZ228L-0490	0.49	9	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZ228L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

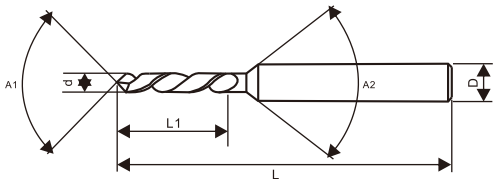


Specification	d	L1	D	L
YZ228L-0500	0.50	9	3	38
YZ228L-0510	0.51	9	3	38
YZ228L-0520	0.52	9	3	38
YZ228L-0530	0.53	9	3	38
YZ228L-0540	0.54	9	3	38
YZ228L-0550	0.55	9	3	38
YZ228L-0560	0.56	9	3	38
YZ228L-0570	0.57	9	3	38
YZ228L-0580	0.58	9	3	38
YZ228L-0590	0.59	9	3	38
YZ228L-0600	0.60	10	3	38
YZ228L-0610	0.61	10	3	38
YZ228L-0620	0.62	10	3	38
YZ228L-0630	0.63	10	3	38
YZ228L-0640	0.64	10	3	38
YZ228L-0650	0.65	10	3	38
YZ228L-0660	0.66	10	3	38
YZ228L-0670	0.67	10	3	38
YZ228L-0680	0.68	10	3	38
YZ228L-0690	0.69	10	3	38
YZ228L-0700	0.70	10	3	38
YZ228L-0710	0.71	10	3	38
YZ228L-0720	0.72	10	3	38
YZ228L-0730	0.73	10	3	38
YZ228L-0740	0.74	10	3	38
YZ228L-0750	0.75	10	3	38

Specification	d	L1	D	L
YZ228L-0760	0.76	10	3	38
YZ228L-0770	0.77	10	3	38
YZ228L-0780	0.78	10	3	38
YZ228L-0790	0.79	10	3	38
YZ228L-0800	0.80	10	3	38
YZ228L-0810	0.81	10	3	38
YZ228L-0820	0.82	10	3	38
YZ228L-0830	0.83	10	3	38
YZ228L-0840	0.84	10	3	38
YZ228L-0850	0.85	10	3	38
YZ228L-0860	0.86	10	3	38
YZ228L-0870	0.87	10	3	38
YZ228L-0880	0.88	10	3	38
YZ228L-0890	0.89	10	3	38
YZ228L-0900	0.90	12	3	38
YZ228L-0910	0.91	12	3	38
YZ228L-0920	0.92	12	3	38
YZ228L-0930	0.93	12	3	38
YZ228L-0940	0.94	12	3	38
YZ228L-0950	0.95	12	3	38
YZ228L-0960	0.96	12	3	38
YZ228L-0970	0.97	12	3	38
YZ228L-0980	0.98	12	3	38
YZ228L-0990	0.99	12	3	38
YZ228L-1000	1.00	15	3	50
YZ228L-1010	1.01	15	3	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZ228L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

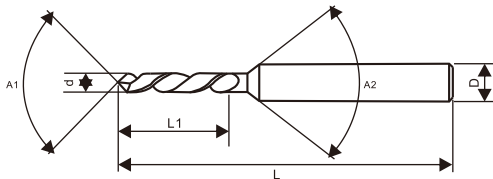


Specification	d	L1	D	L
YZ228L-1020	1.02	15	3	50
YZ228L-1030	1.03	15	3	50
YZ228L-1040	1.04	15	3	50
YZ228L-1050	1.05	15	3	50
YZ228L-1060	1.06	15	3	50
YZ228L-1070	1.07	15	3	50
YZ228L-1080	1.08	15	3	50
YZ228L-1090	1.09	15	3	50
YZ228L-1100	1.10	15	3	50
YZ228L-1110	1.11	15	3	50
YZ228L-1120	1.12	15	3	50
YZ228L-1130	1.13	15	3	50
YZ228L-1140	1.14	15	3	50
YZ228L-1150	1.15	15	3	50
YZ228L-1160	1.16	15	3	50
YZ228L-1170	1.17	15	3	50
YZ228L-1180	1.18	15	3	50
YZ228L-1190	1.19	15	3	50
YZ228L-1200	1.20	18	3	50
YZ228L-1210	1.21	18	3	50
YZ228L-1220	1.22	18	3	50
YZ228L-1230	1.23	18	3	50
YZ228L-1240	1.24	18	3	50
YZ228L-1250	1.25	18	3	50
YZ228L-1260	1.26	18	3	50
YZ228L-1270	1.27	18	3	50

Specification	d	L1	D	L
YZ228L-1280	1.28	18	3	50
YZ228L-1290	1.29	18	3	50
YZ228L-1300	1.30	18	3	50
YZ228L-1310	1.31	18	3	50
YZ228L-1320	1.32	18	3	50
YZ228L-1330	1.33	18	3	50
YZ228L-1340	1.34	18	3	50
YZ228L-1350	1.35	18	3	50
YZ228L-1360	1.36	18	3	50
YZ228L-1370	1.37	18	3	50
YZ228L-1380	1.38	18	3	50
YZ228L-1390	1.39	18	3	50
YZ228L-1400	1.40	18	3	50
YZ228L-1410	1.41	18	3	50
YZ228L-1420	1.42	18	3	50
YZ228L-1430	1.43	18	3	50
YZ228L-1440	1.44	18	3	50
YZ228L-1450	1.45	18	3	50
YZ228L-1460	1.46	18	3	50
YZ228L-1470	1.47	18	3	50
YZ228L-1480	1.48	18	3	50
YZ228L-1490	1.49	18	3	50
YZ228L-1500	1.50	18	3	50
YZ228L-1510	1.51	18	3	50
YZ228L-1520	1.52	18	3	50
YZ228L-1530	1.53	18	3	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZ228L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

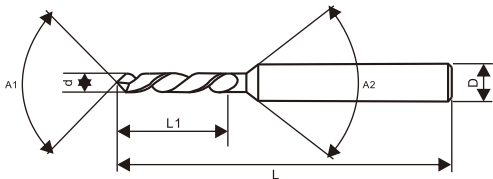


Specification	d	L1	D	L
YZ228L-1540	1.54	18	3	50
YZ228L-1550	1.55	18	3	50
YZ228L-1560	1.56	18	3	50
YZ228L-1570	1.57	18	3	50
YZ228L-1580	1.58	18	3	50
YZ228L-1590	1.59	18	3	50
YZ228L-1600	1.60	18	3	50
YZ228L-1610	1.61	18	3	50
YZ228L-1620	1.62	18	3	50
YZ228L-1630	1.63	18	3	50
YZ228L-1640	1.64	18	3	50
YZ228L-1650	1.65	18	3	50
YZ228L-1660	1.66	18	3	50
YZ228L-1670	1.67	18	3	50
YZ228L-1680	1.68	18	3	50
YZ228L-1690	1.69	18	3	50
YZ228L-1700	1.70	18	3	50
YZ228L-1710	1.71	18	3	50
YZ228L-1720	1.72	18	3	50
YZ228L-1730	1.73	18	3	50
YZ228L-1740	1.74	18	3	50
YZ228L-1750	1.75	18	3	50
YZ228L-1760	1.76	18	3	50
YZ228L-1770	1.77	18	3	50
YZ228L-1780	1.78	18	3	50
YZ228L-1790	1.79	18	3	50

Specification	d	L1	D	L
YZ228L-1800	1.80	18	3	50
YZ228L-1810	1.81	18	3	50
YZ228L-1820	1.82	18	3	50
YZ228L-1830	1.83	18	3	50
YZ228L-1840	1.84	18	3	50
YZ228L-1850	1.85	18	3	50
YZ228L-1860	1.86	18	3	50
YZ228L-1870	1.87	18	3	50
YZ228L-1880	1.88	18	3	50
YZ228L-1890	1.89	18	3	50
YZ228L-1900	1.90	18	3	50
YZ228L-1910	1.91	18	3	50
YZ228L-1920	1.92	18	3	50
YZ228L-1930	1.93	18	3	50
YZ228L-1940	1.94	18	3	50
YZ228L-1950	1.95	18	3	50
YZ228L-1960	1.96	18	3	50
YZ228L-1970	1.97	18	3	50
YZ228L-1980	1.98	18	3	50
YZ228L-1990	1.99	18	3	50
YZ228L-2000	2.00	18	3	50
YZ228L-2010	2.01	25	3	60
YZ228L-2020	2.02	25	3	60
YZ228L-2030	2.03	25	3	60
YZ228L-2040	2.04	25	3	60
YZ228L-2050	2.05	25	3	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZ228L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

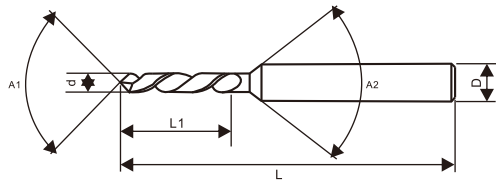


Specification	d	L1	D	L
YZ228L-2060	2.06	25	3	60
YZ228L-2070	2.07	25	3	60
YZ228L-2080	2.08	25	3	60
YZ228L-2090	2.09	25	3	60
YZ228L-2100	2.10	25	3	60
YZ228L-2110	2.11	25	3	60
YZ228L-2120	2.12	25	3	60
YZ228L-2130	2.13	25	3	60
YZ228L-2140	2.14	25	3	60
YZ228L-2150	2.15	25	3	60
YZ228L-2160	2.16	25	3	60
YZ228L-2170	2.17	25	3	60
YZ228L-2180	2.18	25	3	60
YZ228L-2190	2.19	25	3	60
YZ228L-2200	2.20	25	3	60
YZ228L-2210	2.21	25	3	60
YZ228L-2220	2.22	25	3	60
YZ228L-2230	2.23	25	3	60
YZ228L-2240	2.24	25	3	60
YZ228L-2250	2.25	25	3	60
YZ228L-2260	2.26	25	3	60
YZ228L-2270	2.27	25	3	60
YZ228L-2280	2.28	25	3	60
YZ228L-2290	2.29	25	3	60
YZ228L-2300	2.30	25	3	60
YZ228L-2310	2.31	25	3	60

Specification	d	L1	D	L
YZ228L-2320	2.32	25	3	60
YZ228L-2330	2.33	25	3	60
YZ228L-2340	2.34	25	3	60
YZ228L-2350	2.35	25	3	60
YZ228L-2360	2.36	25	3	60
YZ228L-2370	2.37	25	3	60
YZ228L-2380	2.38	25	3	60
YZ228L-2390	2.39	25	3	60
YZ228L-2400	2.40	25	3	60
YZ228L-2410	2.41	25	3	60
YZ228L-2420	2.42	25	3	60
YZ228L-2430	2.43	25	3	60
YZ228L-2440	2.44	25	3	60
YZ228L-2450	2.45	25	3	60
YZ228L-2460	2.46	25	3	60
YZ228L-2470	2.47	25	3	60
YZ228L-2480	2.48	25	3	60
YZ228L-2490	2.49	25	3	60
YZ228L-2500	2.50	25	3	60
YZ228L-2510	2.51	25	3	60
YZ228L-2520	2.52	25	3	60
YZ228L-2530	2.53	25	3	60
YZ228L-2540	2.54	25	3	60
YZ228L-2550	2.55	25	3	60
YZ228L-2560	2.56	25	3	60
YZ228L-2570	2.57	25	3	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZ228L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

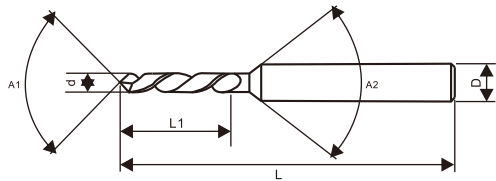


规格 Specification	刃径 d	刃长 L1	柄径 D	总长 L
YZ228L-2580	2.58	25	3	60
YZ228L-2590	2.59	25	3	60
YZ228L-2600	2.60	25	3	60
YZ228L-2610	2.61	25	3	60
YZ228L-2620	2.62	25	3	60
YZ228L-2630	2.63	25	3	60
YZ228L-2640	2.64	25	3	60
YZ228L-2650	2.65	25	3	60
YZ228L-2660	2.66	25	3	60
YZ228L-2670	2.67	25	3	60
YZ228L-2680	2.68	25	3	60
YZ228L-2690	2.69	25	3	60
YZ228L-2700	2.70	25	3	60
YZ228L-2710	2.71	25	3	60
YZ228L-2720	2.72	25	3	60
YZ228L-2730	2.73	25	3	60
YZ228L-2740	2.74	25	3	60
YZ228L-2750	2.75	25	3	60
YZ228L-2760	2.76	25	3	60
YZ228L-2770	2.77	25	3	60
YZ228L-2780	2.78	25	3	60
YZ228L-2790	2.79	25	3	60

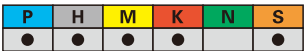
规格 Specification	刃径 d	刃长 L1	柄径 D	总长 L
YZ228L-2800	2.80	25	3	60
YZ228L-2810	2.81	25	3	60
YZ228L-2820	2.82	25	3	60
YZ228L-2830	2.83	25	3	60
YZ228L-2840	2.84	25	3	60
YZ228L-2850	2.85	25	3	60
YZ228L-2860	2.86	25	3	60
YZ228L-2870	2.87	25	3	60
YZ228L-2880	2.88	25	3	60
YZ228L-2890	2.89	25	3	60
YZ228L-2900	2.90	25	3	60
YZ228L-2910	2.91	25	3	60
YZ228L-2920	2.92	25	3	60
YZ228L-2930	2.93	25	3	60
YZ228L-2940	2.94	25	3	60
YZ228L-2950	2.95	25	3	60
YZ228L-2960	2.96	25	3	60
YZ228L-2970	2.97	25	3	60
YZ228L-2980	2.98	25	3	60
YZ228L-2990	2.99	25	3	60
YZ228L-3000	3.00	25	3	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	○

YZ428 Solid Carbide Micro Diameter Drill



Technical Specification

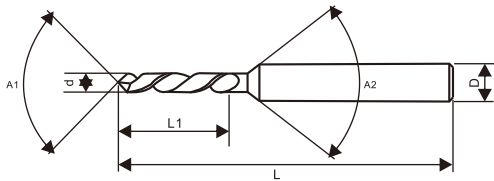


Specification	d	L1	D	L
YZ428-0040	0.04	0.4	3	38
YZ428-0045	0.045	0.45	3	38
YZ428-0050	0.05	0.5	3	38
YZ428-0055	0.055	0.55	3	38
YZ428-0060	0.06	0.6	3	38
YZ428-0065	0.065	0.65	3	38
YZ428-0070	0.07	0.7	3	38
YZ428-0075	0.075	0.75	3	38
YZ428-0080	0.08	0.8	3	38
YZ428-0085	0.085	0.85	3	38
YZ428-0090	0.09	0.9	3	38
YZ428-0095	0.095	0.95	3	38
YZ428-0100	0.10	1	3	38
YZ428-0110	0.11	1	3	38
YZ428-0120	0.12	1	3	38
YZ428-0130	0.13	1.5	3	38
YZ428-0140	0.14	1.5	3	38
YZ428-0150	0.15	1.5	3	38
YZ428-0160	0.16	2	3	38
YZ428-0170	0.17	2	3	38
YZ428-0180	0.18	2	3	38
YZ428-0190	0.19	2	3	38
YZ428-0200	0.20	2	3	38
YZ428-0210	0.21	2.5	3	38
YZ428-0220	0.22	2.5	3	38
YZ428-0230	0.23	2.5	3	38

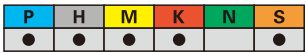
Specification	d	L1	D	L
YZ428-0240	0.24	2.5	3	38
YZ428-0250	0.25	2.5	3	38
YZ428-0260	0.26	3	3	38
YZ428-0270	0.27	3	3	38
YZ428-0280	0.28	3	3	38
YZ428-0290	0.29	3	3	38
YZ428-0300	0.30	3	3	38
YZ428-0310	0.31	3	3	38
YZ428-0320	0.32	3	3	38
YZ428-0330	0.33	3	3	38
YZ428-0340	0.34	3	3	38
YZ428-0350	0.35	3	3	38
YZ428-0360	0.36	3	3	38
YZ428-0370	0.37	3	3	38
YZ428-0380	0.38	3	3	38
YZ428-0390	0.39	3	3	38
YZ428-0400	0.40	4	3	38
YZ428-0410	0.41	4	3	38
YZ428-0420	0.42	4	3	38
YZ428-0430	0.43	4	3	38
YZ428-0440	0.44	4	3	38
YZ428-0450	0.45	4	3	38
YZ428-0460	0.46	4	3	38
YZ428-0470	0.47	4	3	38
YZ428-0480	0.48	4	3	38
YZ428-0490	0.49	4	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○

YZ428 Solid Carbide Micro Diameter Drill



Technical Specification

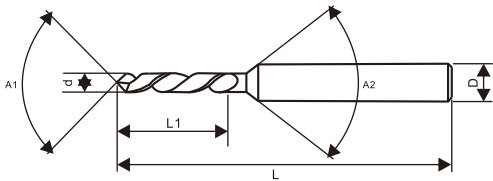


Specification	d	L1	D	L
YZ428-0500	0.50	5	3	38
YZ428-0510	0.51	5	3	38
YZ428-0520	0.52	5	3	38
YZ428-0530	0.53	5	3	38
YZ428-0540	0.54	5	3	38
YZ428-0550	0.55	5	3	38
YZ428-0560	0.56	5	3	38
YZ428-0570	0.57	5	3	38
YZ428-0580	0.58	5	3	38
YZ428-0590	0.59	5	3	38
YZ428-0600	0.60	6	3	38
YZ428-0610	0.61	6	3	38
YZ428-0620	0.62	6	3	38
YZ428-0630	0.63	6	3	38
YZ428-0640	0.64	6	3	38
YZ428-0650	0.65	6	3	38
YZ428-0660	0.66	6	3	38
YZ428-0670	0.67	6	3	38
YZ428-0680	0.68	6	3	38
YZ428-0690	0.69	6	3	38
YZ428-0700	0.70	6	3	38
YZ428-0710	0.71	6	3	38
YZ428-0720	0.72	6	3	38
YZ428-0730	0.73	6	3	38
YZ428-0740	0.74	6	3	38
YZ428-0750	0.75	6	3	38

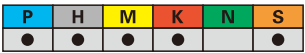
Specification	d	L1	D	L
YZ428-0760	0.76	6	3	38
YZ428-0770	0.77	6	3	38
YZ428-0780	0.78	6	3	38
YZ428-0790	0.79	6	3	38
YZ428-0800	0.80	6	3	38
YZ428-0810	0.81	6	3	38
YZ428-0820	0.82	6	3	38
YZ428-0830	0.83	6	3	38
YZ428-0840	0.84	6	3	38
YZ428-0850	0.85	6	3	38
YZ428-0860	0.86	6	3	38
YZ428-0870	0.87	6	3	38
YZ428-0880	0.88	6	3	38
YZ428-0890	0.89	6	3	38
YZ428-0900	0.90	6	3	38
YZ428-0910	0.91	6	3	38
YZ428-0920	0.92	6	3	38
YZ428-0930	0.93	6	3	38
YZ428-0940	0.94	6	3	38
YZ428-0950	0.95	6	3	38
YZ428-0960	0.96	6	3	38
YZ428-0970	0.97	6	3	38
YZ428-0980	0.98	6	3	38
YZ428-0990	0.99	6	3	38
YZ428-1000	1.00	7	3	38
YZ428-1010	1.01	7	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428 Solid Carbide Micro Diameter Drill



Technical Specification

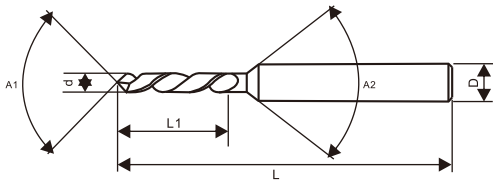


Specification	d	L1	D	L
YZ428-1020	1.02	7	3	38
YZ428-1030	1.03	7	3	38
YZ428-1040	1.04	7	3	38
YZ428-1050	1.05	7	3	38
YZ428-1060	1.06	7	3	38
YZ428-1070	1.07	7	3	38
YZ428-1080	1.08	7	3	38
YZ428-1090	1.09	7	3	38
YZ428-1100	1.10	7	3	38
YZ428-1110	1.11	7	3	38
YZ428-1120	1.12	7	3	38
YZ428-1130	1.13	7	3	38
YZ428-1140	1.14	7	3	38
YZ428-1150	1.15	7	3	38
YZ428-1160	1.16	7	3	38
YZ428-1170	1.17	7	3	38
YZ428-1180	1.18	7	3	38
YZ428-1190	1.19	7	3	38
YZ428-1200	1.20	8	3	38
YZ428-1210	1.21	8	3	38
YZ428-1220	1.22	8	3	38
YZ428-1230	1.23	8	3	38
YZ428-1240	1.24	8	3	38
YZ428-1250	1.25	8	3	38
YZ428-1260	1.26	8	3	38
YZ428-1270	1.27	8	3	38

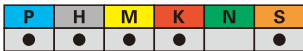
Specification	d	L1	D	L
YZ428-1280	1.28	8	3	38
YZ428-1290	1.29	8	3	38
YZ428-1300	1.30	8	3	38
YZ428-1310	1.31	8	3	38
YZ428-1320	1.32	8	3	38
YZ428-1330	1.33	8	3	38
YZ428-1340	1.34	8	3	38
YZ428-1350	1.35	8	3	38
YZ428-1360	1.36	8	3	38
YZ428-1370	1.37	8	3	38
YZ428-1380	1.38	8	3	38
YZ428-1390	1.39	8	3	38
YZ428-1400	1.40	8	3	38
YZ428-1410	1.41	8	3	38
YZ428-1420	1.42	8	3	38
YZ428-1430	1.43	8	3	38
YZ428-1440	1.44	8	3	38
YZ428-1450	1.45	8	3	38
YZ428-1460	1.46	8	3	38
YZ428-1470	1.47	8	3	38
YZ428-1480	1.48	8	3	38
YZ428-1490	1.49	8	3	38
YZ428-1500	1.50	8	3	38
YZ428-1510	1.51	10	3	38
YZ428-1520	1.52	10	3	38
YZ428-1530	1.53	10	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428 Solid Carbide Micro Diameter Drill



Technical Specification

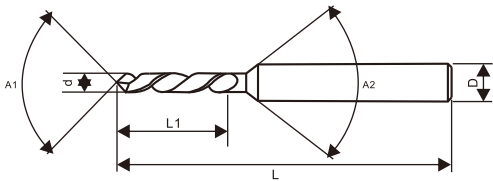


Specification	d	L1	D	L
YZ428-1540	1.54	10	3	38
YZ428-1550	1.55	10	3	38
YZ428-1560	1.56	10	3	38
YZ428-1570	1.57	10	3	38
YZ428-1580	1.58	10	3	38
YZ428-1590	1.59	10	3	38
YZ428-1600	1.60	10	3	38
YZ428-1610	1.61	10	3	38
YZ428-1620	1.62	10	3	38
YZ428-1630	1.63	10	3	38
YZ428-1640	1.64	10	3	38
YZ428-1650	1.65	10	3	38
YZ428-1660	1.66	10	3	38
YZ428-1670	1.67	10	3	38
YZ428-1680	1.68	10	3	38
YZ428-1690	1.69	10	3	38
YZ428-1700	1.70	10	3	38
YZ428-1710	1.71	10	3	38
YZ428-1720	1.72	10	3	38
YZ428-1730	1.73	10	3	38
YZ428-1740	1.74	10	3	38
YZ428-1750	1.75	10	3	38
YZ428-1760	1.76	10	3	38
YZ428-1770	1.77	10	3	38
YZ428-1780	1.78	10	3	38
YZ428-1790	1.79	10	3	38

Specification	d	L1	D	L
YZ428-1800	1.80	10	3	38
YZ428-1810	1.81	10	3	38
YZ428-1820	1.82	10	3	38
YZ428-1830	1.83	10	3	38
YZ428-1840	1.84	10	3	38
YZ428-1850	1.85	10	3	38
YZ428-1860	1.86	10	3	38
YZ428-1870	1.87	10	3	38
YZ428-1880	1.88	10	3	38
YZ428-1890	1.89	10	3	38
YZ428-1900	1.90	10	3	38
YZ428-1910	1.91	10	3	38
YZ428-1920	1.92	10	3	38
YZ428-1930	1.93	10	3	38
YZ428-1940	1.94	10	3	38
YZ428-1950	1.95	10	3	38
YZ428-1960	1.96	10	3	38
YZ428-1970	1.97	10	3	38
YZ428-1980	1.98	10	3	38
YZ428-1990	1.99	10	3	38
YZ428-2000	2.00	10	3	38
YZ428-2010	2.01	12	3	38
YZ428-2020	2.02	12	3	38
YZ428-2030	2.03	12	3	38
YZ428-2040	2.04	12	3	38
YZ428-2050	2.05	12	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	—	—	—	—	—
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428 Solid Carbide Micro Diameter Drill



Technical Specification

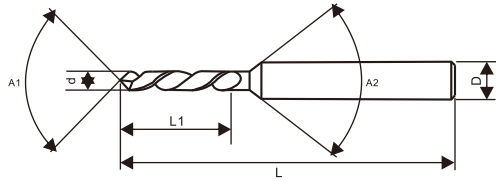


Specification	d	L1	D	L
YZ428-2060	2.06	12	3	38
YZ428-2070	2.07	12	3	38
YZ428-2080	2.08	12	3	38
YZ428-2090	2.09	12	3	38
YZ428-2100	2.10	12	3	38
YZ428-2110	2.11	12	3	38
YZ428-2120	2.12	12	3	38
YZ428-2130	2.13	12	3	38
YZ428-2140	2.14	12	3	38
YZ428-2150	2.15	12	3	38
YZ428-2160	2.16	12	3	38
YZ428-2170	2.17	12	3	38
YZ428-2180	2.18	12	3	38
YZ428-2190	2.19	12	3	38
YZ428-2200	2.20	12	3	38
YZ428-2210	2.21	12	3	38
YZ428-2220	2.22	12	3	38
YZ428-2230	2.23	12	3	38
YZ428-2240	2.24	12	3	38
YZ428-2250	2.25	12	3	38
YZ428-2260	2.26	12	3	38
YZ428-2270	2.27	12	3	38
YZ428-2280	2.28	12	3	38
YZ428-2290	2.29	12	3	38
YZ428-2300	2.30	12	3	38
YZ428-2310	2.31	12	3	38

Specification	d	L1	D	L
YZ428-2320	2.32	12	3	38
YZ428-2330	2.33	12	3	38
YZ428-2340	2.34	12	3	38
YZ428-2350	2.35	12	3	38
YZ428-2360	2.36	12	3	38
YZ428-2370	2.37	12	3	38
YZ428-2380	2.38	12	3	38
YZ428-2390	2.39	12	3	38
YZ428-2400	2.40	12	3	38
YZ428-2410	2.41	12	3	38
YZ428-2420	2.42	12	3	38
YZ428-2430	2.43	12	3	38
YZ428-2440	2.44	12	3	38
YZ428-2450	2.45	12	3	38
YZ428-2460	2.46	12	3	38
YZ428-2470	2.47	12	3	38
YZ428-2480	2.48	12	3	38
YZ428-2490	2.49	12	3	38
YZ428-2500	2.50	12	3	38
YZ428-2510	2.51	12	3	38
YZ428-2520	2.52	12	3	38
YZ428-2530	2.53	12	3	38
YZ428-2540	2.54	12	3	38
YZ428-2550	2.55	12	3	38
YZ428-2560	2.56	12	3	38
YZ428-2570	2.57	12	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	—	—	—	—	—
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428 Solid Carbide Micro Diameter Drill



Technical Specification

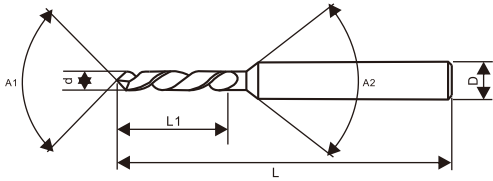


Specification	d	L1	D	L
YZ428-2580	2.58	12	3	38
YZ428-2590	2.59	12	3	38
YZ428-2600	2.60	12	3	38
YZ428-2610	2.61	12	3	38
YZ428-2620	2.62	12	3	38
YZ428-2630	2.63	12	3	38
YZ428-2640	2.64	12	3	38
YZ428-2650	2.65	12	3	38
YZ428-2660	2.66	12	3	38
YZ428-2670	2.67	12	3	38
YZ428-2680	2.68	12	3	38
YZ428-2690	2.69	12	3	38
YZ428-2700	2.70	12	3	38
YZ428-2710	2.71	12	3	38
YZ428-2720	2.72	12	3	38
YZ428-2730	2.73	12	3	38
YZ428-2740	2.74	12	3	38
YZ428-2750	2.75	12	3	38
YZ428-2760	2.76	12	3	38
YZ428-2770	2.77	12	3	38
YZ428-2780	2.78	12	3	38
YZ428-2790	2.79	12	3	38

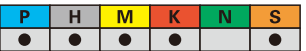
Specification	d	L1	D	L
YZ428-2800	2.80	12	3	38
YZ428-2810	2.81	12	3	38
YZ428-2820	2.82	12	3	38
YZ428-2830	2.83	12	3	38
YZ428-2840	2.84	12	3	38
YZ428-2850	2.85	12	3	38
YZ428-2860	2.86	12	3	38
YZ428-2870	2.87	12	3	38
YZ428-2880	2.88	12	3	38
YZ428-2890	2.89	12	3	38
YZ428-2900	2.90	12	3	38
YZ428-2910	2.91	12	3	38
YZ428-2920	2.92	12	3	38
YZ428-2930	2.93	12	3	38
YZ428-2940	2.94	12	3	38
YZ428-2950	2.95	12	3	38
YZ428-2960	2.96	12	3	38
YZ428-2970	2.97	12	3	38
YZ428-2980	2.98	12	3	38
YZ428-2990	2.99	12	3	38
YZ428-3000	3.00	12	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

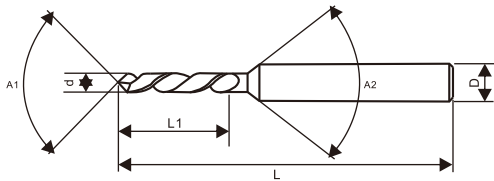


Specification	d	L1	D	L
YZ428L-0040	0.04	0.6	3	38
YZ428L-0045	0.045	0.7	3	38
YZ428L-0050	0.05	0.9	3	38
YZ428L-0055	0.055	0.9	3	38
YZ428L-0060	0.06	0.9	3	38
YZ428L-0065	0.065	0.9	3	38
YZ428L-0070	0.07	1.2	3	38
YZ428L-0075	0.075	1.2	3	38
YZ428L-0080	0.08	1.2	3	38
YZ428L-0085	0.085	1.2	3	38
YZ428L-0090	0.09	1.2	3	38
YZ428L-0095	0.095	1.2	3	38
YZ428L-0100	0.1	2	3	38
YZ428L-0110	0.11	2	3	38
YZ428L-0120	0.12	3	3	38
YZ428L-0130	0.13	3	3	38
YZ428L-0140	0.14	3	3	38
YZ428L-0150	0.15	3	3	38
YZ428L-0160	0.16	4	3	38
YZ428L-0170	0.17	4	3	38
YZ428L-0180	0.18	4	3	38
YZ428L-0190	0.19	4	3	38
YZ428L-0200	0.2	4	3	38
YZ428L-0210	0.21	5	3	38
YZ428L-0220	0.22	5	3	38
YZ428L-0230	0.23	5	3	38

Specification	d	L1	D	L
YZ428L-0240	0.24	5	3	38
YZ428L-0250	0.25	5	3	38
YZ428L-0260	0.26	6	3	38
YZ428L-0270	0.27	6	3	38
YZ428L-0280	0.28	6	3	38
YZ428L-0290	0.29	6	3	38
YZ428L-0300	0.3	6	3	38
YZ428L-0310	0.31	6	3	38
YZ428L-0320	0.32	6	3	38
YZ428L-0330	0.33	6	3	38
YZ428L-0340	0.34	6	3	38
YZ428L-0350	0.35	6	3	38
YZ428L-0360	0.36	6	3	38
YZ428L-0370	0.37	6	3	38
YZ428L-0380	0.38	6	3	38
YZ428L-0390	0.39	6	3	38
YZ428L-0400	0.4	6	3	38
YZ428L-0410	0.41	7	3	38
YZ428L-0420	0.42	7	3	38
YZ428L-0430	0.43	7	3	38
YZ428L-0440	0.44	7	3	38
YZ428L-0450	0.45	7	3	38
YZ428L-0460	0.46	7	3	38
YZ428L-0470	0.47	7	3	38
YZ428L-0480	0.48	7	3	38
YZ428L-0490	0.49	7	3	38

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428L Solid Carbide Micro Diameter Drill Long Flute Type



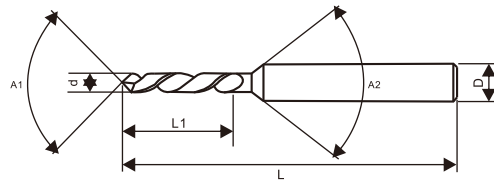
Technical Specification



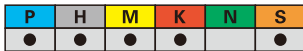
Specification	d	L1	D	L
YZ428L-0500	0.5	7	3	38
YZ428L-0510	0.51	9	3	38
YZ428L-0520	0.52	9	3	38
YZ428L-0530	0.53	9	3	38
YZ428L-0540	0.54	9	3	38
YZ428L-0550	0.55	9	3	38
YZ428L-0560	0.56	9	3	38
YZ428L-0570	0.57	9	3	38
YZ428L-0580	0.58	9	3	38
YZ428L-0590	0.59	9	3	38
YZ428L-0600	0.6	9	3	38
YZ428L-0610	0.61	9	3	38
YZ428L-0620	0.62	9	3	38
YZ428L-0630	0.63	9	3	38
YZ428L-0640	0.64	9	3	38
YZ428L-0650	0.65	9	3	38
YZ428L-0660	0.66	9	3	38
YZ428L-0670	0.67	9	3	38
YZ428L-0680	0.68	9	3	38
YZ428L-0690	0.69	9	3	38
YZ428L-0700	0.7	9	3	38
YZ428L-0710	0.71	10	3	38
YZ428L-0720	0.72	10	3	38
YZ428L-0730	0.73	10	3	38
YZ428L-0740	0.74	10	3	38
YZ428L-0750	0.75	10	3	38

Specification	d	L1	D	L
YZ428L-0760	0.76	10	3	38
YZ428L-0770	0.77	10	3	38
YZ428L-0780	0.78	10	3	38
YZ428L-0790	0.79	10	3	38
YZ428L-0800	0.8	10	3	38
YZ428L-0810	0.81	10	3	38
YZ428L-0820	0.82	10	3	38
YZ428L-0830	0.83	10	3	38
YZ428L-0840	0.84	10	3	38
YZ428L-0850	0.85	10	3	38
YZ428L-0860	0.86	10	3	38
YZ428L-0870	0.87	10	3	38
YZ428L-0880	0.88	10	3	38
YZ428L-0890	0.89	10	3	38
YZ428L-0900	0.9	10	3	38
YZ428L-0910	0.91	10	3	38
YZ428L-0920	0.92	10	3	38
YZ428L-0930	0.93	10	3	38
YZ428L-0940	0.94	10	3	38
YZ428L-0950	0.95	10	3	38
YZ428L-0960	0.96	10	3	38
YZ428L-0970	0.97	10	3	38
YZ428L-0980	0.98	10	3	38
YZ428L-0990	0.99	10	3	38
YZ428L-1000	1	12	3	38
YZ428L-1010	1.01	12	3	38

YZ428L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification



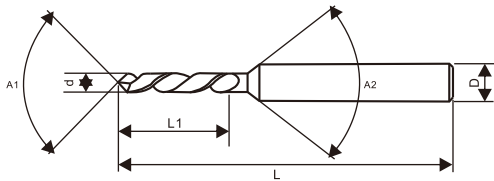
Specification	d	L1	D	L
YZ428L-1020	1.02	12	3	38
YZ428L-1030	1.03	12	3	38
YZ428L-1040	1.04	12	3	38
YZ428L-1050	1.05	12	3	38
YZ428L-1060	1.06	12	3	38
YZ428L-1070	1.07	12	3	38
YZ428L-1080	1.08	12	3	38
YZ428L-1090	1.09	12	3	38
YZ428L-1100	1.1	12	3	38
YZ428L-1110	1.11	12	3	38
YZ428L-1120	1.12	12	3	38
YZ428L-1130	1.13	12	3	38
YZ428L-1140	1.14	12	3	38
YZ428L-1150	1.15	12	3	38
YZ428L-1160	1.16	12	3	38
YZ428L-1170	1.17	12	3	38
YZ428L-1180	1.18	12	3	38
YZ428L-1190	1.19	12	3	38
YZ428L-1200	1.2	12	3	38
YZ428L-1210	1.21	15	3	50
YZ428L-1220	1.22	15	3	50
YZ428L-1230	1.23	15	3	50
YZ428L-1240	1.24	15	3	50
YZ428L-1250	1.25	15	3	50
YZ428L-1260	1.26	15	3	50
YZ428L-1270	1.27	15	3	50

Specification	d	L1	D	L
YZ428L-1280	1.28	15	3	50
YZ428L-1290	1.29	15	3	50
YZ428L-1300	1.3	15	3	50
YZ428L-1310	1.31	15	3	50
YZ428L-1320	1.32	15	3	50
YZ428L-1330	1.33	15	3	50
YZ428L-1340	1.34	15	3	50
YZ428L-1350	1.35	15	3	50
YZ428L-1360	1.36	15	3	50
YZ428L-1370	1.37	15	3	50
YZ428L-1380	1.38	15	3	50
YZ428L-1390	1.39	15	3	50
YZ428L-1400	1.4	15	3	50
YZ428L-1410	1.41	15	3	50
YZ428L-1420	1.42	15	3	50
YZ428L-1430	1.43	15	3	50
YZ428L-1440	1.44	15	3	50
YZ428L-1450	1.45	15	3	50
YZ428L-1460	1.46	15	3	50
YZ428L-1470	1.47	15	3	50
YZ428L-1480	1.48	15	3	50
YZ428L-1490	1.49	15	3	50
YZ428L-1500	1.5	15	3	50
YZ428L-1510	1.51	20	3	50
YZ428L-1520	1.52	20	3	50
YZ428L-1530	1.53	20	3	50

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	—	—	—	—	—
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	—	—	—	—	—
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZ428L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

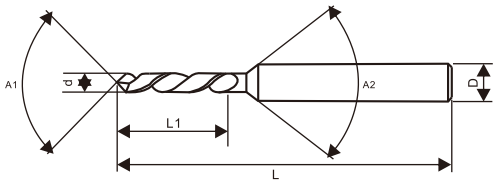


Specification	d	L1	D	L
YZ428L-1540	1.54	20	3	50
YZ428L-1550	1.55	20	3	50
YZ428L-1560	1.56	20	3	50
YZ428L-1570	1.57	20	3	50
YZ428L-1580	1.58	20	3	50
YZ428L-1590	1.59	20	3	50
YZ428L-1600	1.6	20	3	50
YZ428L-1610	1.61	20	3	50
YZ428L-1620	1.62	20	3	50
YZ428L-1630	1.63	20	3	50
YZ428L-1640	1.64	20	3	50
YZ428L-1650	1.65	20	3	50
YZ428L-1660	1.66	20	3	50
YZ428L-1670	1.67	20	3	50
YZ428L-1680	1.68	20	3	50
YZ428L-1690	1.69	20	3	50
YZ428L-1700	1.7	20	3	50
YZ428L-1710	1.71	20	3	50
YZ428L-1720	1.72	20	3	50
YZ428L-1730	1.73	20	3	50
YZ428L-1740	1.74	20	3	50
YZ428L-1750	1.75	20	3	50
YZ428L-1760	1.76	20	3	50
YZ428L-1770	1.77	20	3	50
YZ428L-1780	1.78	20	3	50
YZ428L-1790	1.79	20	3	50

Specification	d	L1	D	L
YZ428L-1800	1.8	20	3	50
YZ428L-1810	1.81	20	3	50
YZ428L-1820	1.82	20	3	50
YZ428L-1830	1.83	20	3	50
YZ428L-1840	1.84	20	3	50
YZ428L-1850	1.85	20	3	50
YZ428L-1860	1.86	20	3	50
YZ428L-1870	1.87	20	3	50
YZ428L-1880	1.88	20	3	50
YZ428L-1890	1.89	20	3	50
YZ428L-1900	1.9	20	3	50
YZ428L-1910	1.91	20	3	50
YZ428L-1920	1.92	20	3	50
YZ428L-1930	1.93	20	3	50
YZ428L-1940	1.94	20	3	50
YZ428L-1950	1.95	20	3	50
YZ428L-1960	1.96	20	3	50
YZ428L-1970	1.97	20	3	50
YZ428L-1980	1.98	20	3	50
YZ428L-1990	1.99	20	3	50
YZ428L-2000	2	20	3	50
YZ428L-2010	2.01	25	3	60
YZ428L-2020	2.02	25	3	60
YZ428L-2030	2.03	25	3	60
YZ428L-2040	2.04	25	3	60
YZ428L-2050	2.05	25	3	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●

YZ428L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

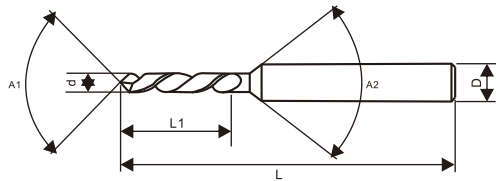


Specification	d	L1	D	L
YZ428L-2060	2.06	25	3	60
YZ428L-2070	2.07	25	3	60
YZ428L-2080	2.08	25	3	60
YZ428L-2090	2.09	25	3	60
YZ428L-2100	2.1	25	3	60
YZ428L-2110	2.11	25	3	60
YZ428L-2120	2.12	25	3	60
YZ428L-2130	2.13	25	3	60
YZ428L-2140	2.14	25	3	60
YZ428L-2150	2.15	25	3	60
YZ428L-2160	2.16	25	3	60
YZ428L-2170	2.17	25	3	60
YZ428L-2180	2.18	25	3	60
YZ428L-2190	2.19	25	3	60
YZ428L-2200	2.2	25	3	60
YZ428L-2210	2.21	25	3	60
YZ428L-2220	2.22	25	3	60
YZ428L-2230	2.23	25	3	60
YZ428L-2240	2.24	25	3	60
YZ428L-2250	2.25	25	3	60
YZ428L-2260	2.26	25	3	60
YZ428L-2270	2.27	25	3	60
YZ428L-2280	2.28	25	3	60
YZ428L-2290	2.29	25	3	60
YZ428L-2300	2.3	25	3	60
YZ428L-2310	2.31	25	3	60

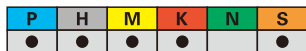
Specification	d	L1	D	L
YZ428L-2320	2.32	25	3	60
YZ428L-2330	2.33	25	3	60
YZ428L-2340	2.34	25	3	60
YZ428L-2350	2.35	25	3	60
YZ428L-2360	2.36	25	3	60
YZ428L-2370	2.37	25	3	60
YZ428L-2380	2.38	25	3	60
YZ428L-2390	2.39	25	3	60
YZ428L-2400	2.4	25	3	60
YZ428L-2410	2.41	25	3	60
YZ428L-2420	2.42	25	3	60
YZ428L-2430	2.43	25	3	60
YZ428L-2440	2.44	25	3	60
YZ428L-2450	2.45	25	3	60
YZ428L-2460	2.46	25	3	60
YZ428L-2470	2.47	25	3	60
YZ428L-2480	2.48	25	3	60
YZ428L-2490	2.49	25	3	60
YZ428L-2500	2.5	25	3	60
YZ428L-2510	2.51	25	3	60
YZ428L-2520	2.52	25	3	60
YZ428L-2530	2.53	25	3	60
YZ428L-2540	2.54	25	3	60
YZ428L-2550	2.55	25	3	60
YZ428L-2560	2.56	25	3	60
YZ428L-2570	2.57	25	3	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●

YZ428L Solid Carbide Micro Diameter Drill Long Flute Type



Technical Specification

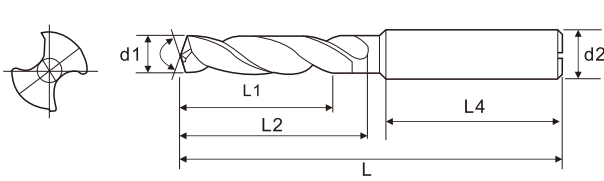


Specification	d	L1	D	L
YZ428L-2580	2.58	25	3	60
YZ428L-2590	2.59	25	3	60
YZ428L-2600	2.6	25	3	60
YZ428L-2610	2.61	25	3	60
YZ428L-2620	2.62	25	3	60
YZ428L-2630	2.63	25	3	60
YZ428L-2640	2.64	25	3	60
YZ428L-2650	2.65	25	3	60
YZ428L-2660	2.66	25	3	60
YZ428L-2670	2.67	25	3	60
YZ428L-2680	2.68	25	3	60
YZ428L-2690	2.69	25	3	60
YZ428L-2700	2.7	25	3	60
YZ428L-2710	2.71	25	3	60
YZ428L-2720	2.72	25	3	60
YZ428L-2730	2.73	25	3	60
YZ428L-2740	2.74	25	3	60
YZ428L-2750	2.75	25	3	60
YZ428L-2760	2.76	25	3	60
YZ428L-2770	2.77	25	3	60
YZ428L-2780	2.78	25	3	60
YZ428L-2790	2.79	25	3	60

Specification	d	L1	D	L
YZ428L-2800	2.8	25	3	60
YZ428L-2810	2.81	25	3	60
YZ428L-2820	2.82	25	3	60
YZ428L-2830	2.83	25	3	60
YZ428L-2840	2.84	25	3	60
YZ428L-2850	2.85	25	3	60
YZ428L-2860	2.86	25	3	60
YZ428L-2870	2.87	25	3	60
YZ428L-2880	2.88	25	3	60
YZ428L-2890	2.89	25	3	60
YZ428L-2900	2.9	25	3	60
YZ428L-2910	2.91	25	3	60
YZ428L-2920	2.92	25	3	60
YZ428L-2930	2.93	25	3	60
YZ428L-2940	2.94	25	3	60
YZ428L-2950	2.95	25	3	60
YZ428L-2960	2.96	25	3	60
YZ428L-2970	2.97	25	3	60
YZ428L-2980	2.98	25	3	60
YZ428L-2990	2.99	25	3	60
YZ428L-3000	3	25	3	60

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●

YZNHA-3D DIN6537 Carbide Drill



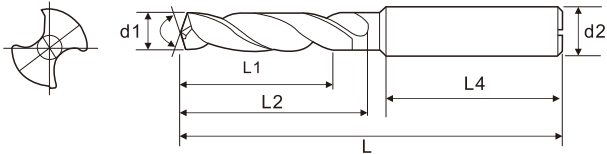
Technical Specification



Specification	d1	L1	L2	L4	d2	L
YZNHA-3D-0300	3	17	20	36	6	62
YZNHA-3D-0330	3.3	17	20	36	6	62
YZNHA-3D-0340	3.4	17	20	36	6	62
YZNHA-3D-0350	3.5	17	20	36	6	62
YZNHA-3D-0370	3.7	17	20	36	6	62
YZNHA-3D-0400	4	21	24	36	6	66
YZNHA-3D-0420	4.2	21	24	36	6	66
YZNHA-3D-0430	4.3	21	24	36	6	66
YZNHA-3D-0450	4.5	21	24	36	6	66
YZNHA-3D-0465	4.65	21	24	36	6	66
YZNHA-3D-0480	4.8	25	28	36	6	66
YZNHA-3D-0500	5	25	28	36	6	66
YZNHA-3D-0510	5.1	25	28	36	6	66
YZNHA-3D-0520	5.2	25	28	36	6	66
YZNHA-3D-0550	5.5	25	28	36	6	66
YZNHA-3D-0555	5.55	25	28	36	6	66
YZNHA-3D-0580	5.8	25	28	36	6	66
YZNHA-3D-0600	6	25	28	36	6	66
YZNHA-3D-0610	6.1	30	34	36	8	79
YZNHA-3D-0620	6.2	30	34	36	8	79
YZNHA-3D-0630	6.3	30	34	36	8	79
YZNHA-3D-0650	6.5	30	34	36	8	79
YZNHA-3D-0660	6.6	30	34	36	8	79
YZNHA-3D-0680	6.8	30	34	36	8	79
YZNHA-3D-0690	6.9	30	34	36	8	79
YZNHA-3D-0700	7	30	34	36	8	79

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●	○	○	○	○	○	○	○

YZNHA-3D DIN6537 Carbide Drill



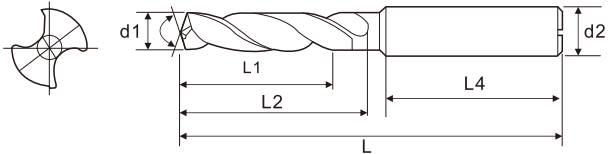
Technical Specification



Specification	d1	L1	L2	L4	d2	L
YZNHA-3D-0710	7.1	37	41	36	8	79
YZNHA-3D-0740	7.4	37	41	36	8	79
YZNHA-3D-0750	7.5	37	41	36	8	79
YZNHA-3D-0780	7.8	37	41	36	8	79
YZNHA-3D-0800	8	37	41	36	8	79
YZNHA-3D-0810	8.1	43	47	40	10	89
YZNHA-3D-0840	8.4	43	47	40	10	89
YZNHA-3D-0850	8.5	43	47	40	10	89
YZNHA-3D-0860	8.6	43	47	40	10	89
YZNHA-3D-0870	8.7	43	47	40	10	89
YZNHA-3D-0880	8.8	43	47	40	10	89
YZNHA-3D-0900	9	43	47	40	10	89
YZNHA-3D-0930	9.3	43	47	40	10	89
YZNHA-3D-0950	9.5	43	47	40	10	89
YZNHA-3D-0960	9.6	43	47	40	10	89
YZNHA-3D-0980	9.8	43	47	40	10	89
YZNHA-3D-1000	10	43	47	40	10	89
YZNHA-3D-1040	10.4	50	55	45	12	102
YZNHA-3D-1050	10.5	50	55	45	12	102
YZNHA-3D-1060	10.6	50	55	45	12	102
YZNHA-3D-1080	10.8	50	55	45	12	102
YZNHA-3D-1100	11	50	55	45	12	102
YZNHA-3D-1120	11.2	50	55	45	12	102
YZNHA-3D-1150	11.5	50	55	45	12	102
YZNHA-3D-1180	11.8	50	55	45	12	102
YZNHA-3D-1200	12	50	55	45	12	102
YZNHA-3D-1250	12.5	54	60	45	14	107

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○			○	●	●						

YZNHA-3D DIN6537 Carbide Drill



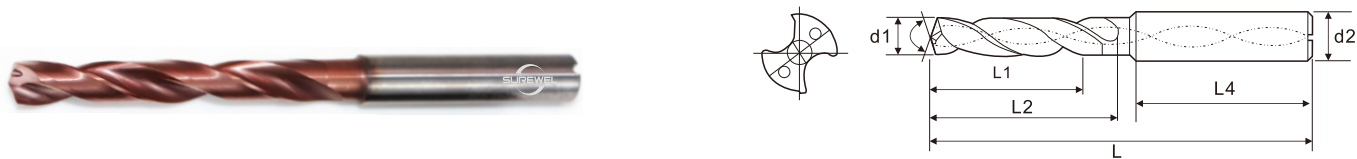
Technical Specification



Specification	d1	L1	L2	L4	d2	L
YZNHA-3D-1270	12.7	54	60	45	14	107
YZNHA-3D-1280	12.8	54	60	45	14	107
YZNHA-3D-1285	12.85	54	60	45	14	107
YZNHA-3D-1300	13	54	60	45	14	107
YZNHA-3D-1310	13.1	54	60	45	14	107
YZNHA-3D-1350	13.5	54	60	45	14	107
YZNHA-3D-1380	13.8	54	60	45	14	107
YZNHA-3D-1400	14	54	60	45	14	107
YZNHA-3D-1450	14.5	59	65	48	16	115
YZNHA-3D-1480	14.8	59	65	48	16	115
YZNHA-3D-1500	15	59	65	48	16	115
YZNHA-3D-1510	15.1	59	65	48	16	115
YZNHA-3D-1550	15.5	59	65	48	16	115
YZNHA-3D-1580	15.8	59	65	48	16	115
YZNHA-3D-1600	16	59	65	48	16	115
YZNHA-3D-1650	16.5	67	73	48	18	123
YZNHA-3D-1680	16.8	67	73	48	18	123
YZNHA-3D-1700	17	67	73	48	18	123
YZNHA-3D-1750	17.5	67	73	48	18	123
YZNHA-3D-1780	17.8	67	73	48	18	123
YZNHA-3D-1800	18	67	73	48	18	123
YZNHA-3D-1850	18.5	73	79	50	20	131
YZNHA-3D-1880	18.8	73	79	50	20	131
YZNHA-3D-1900	19	73	79	50	20	131
YZNHA-3D-1950	19.5	73	79	50	20	131
YZNHA-3D-1980	19.8	73	79	50	20	131
YZNHA-3D-2000	20	73	79	50	20	131

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○			○	●	●						

YZCHA-3D DIN6537 Carbide Drill with Intenal Coolant



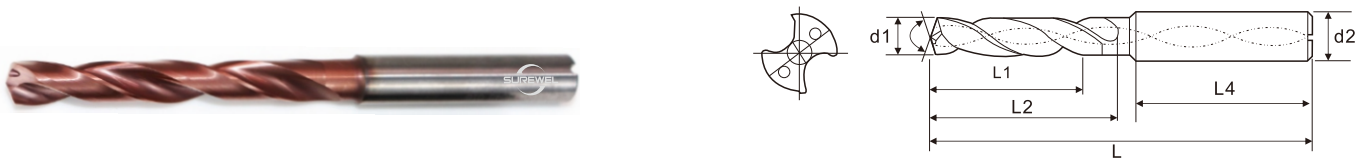
Technical Specification



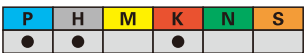
规格 Specification	刃径 d1	刃长 L1	槽长 L2	柄长 L4	柄径 d2	全长 L
YZCHA-3D-0300	3	17	20	36	6	62
YZCHA-3D-0330	3.3	17	20	36	6	62
YZCHA-3D-0340	3.4	17	20	36	6	62
YZCHA-3D-0350	3.5	17	20	36	6	62
YZCHA-3D-0370	3.7	17	20	36	6	62
YZCHA-3D-0400	4	21	24	36	6	66
YZCHA-3D-0420	4.2	21	24	36	6	66
YZCHA-3D-0430	4.3	21	24	36	6	66
YZCHA-3D-0450	4.5	21	24	36	6	66
YZCHA-3D-0465	4.65	21	24	36	6	66
YZCHA-3D-0480	4.8	25	28	36	6	66
YZCHA-3D-0500	5	25	28	36	6	66
YZCHA-3D-0510	5.1	25	28	36	6	66
YZCHA-3D-0520	5.2	25	28	36	6	66
YZCHA-3D-0550	5.5	25	28	36	6	66
YZCHA-3D-0555	5.55	25	28	36	6	66
YZCHA-3D-0580	5.8	25	28	36	6	66
YZCHA-3D-0600	6	25	28	36	6	66
YZCHA-3D-0610	6.1	30	34	36	8	79
YZCHA-3D-0620	6.2	30	34	36	8	79
YZCHA-3D-0630	6.3	30	34	36	8	79
YZCHA-3D-0650	6.5	30	34	36	8	79
YZCHA-3D-0660	6.6	30	34	36	8	79
YZCHA-3D-0680	6.8	30	34	36	8	79
YZCHA-3D-0690	6.9	30	34	36	8	79
YZCHA-3D-0700	7	30	34	36	8	79

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●	●	●	○	○	○	○

YZCHA-3D DIN6537 Carbide Drill with Intenal Coolant



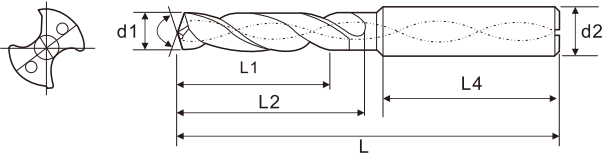
Technical Specification



规格 Specification	刃径 d1	刃长 L1	槽长 L2	柄长 L4	柄径 d2	全长 L
YZCHA-3D-0710	7.1	37	41	36	8	79
YZCHA-3D-0740	7.4	37	41	36	8	79
YZCHA-3D-0750	7.5	37	41	36	8	79
YZCHA-3D-0780	7.8	37	41	36	8	79
YZCHA-3D-0800	8	37	41	36	8	79
YZCHA-3D-0810	8.1	43	47	40	10	89
YZCHA-3D-0840	8.4	43	47	40	10	89
YZCHA-3D-0850	8.5	43	47	40	10	89
YZCHA-3D-0860	8.6	43	47	40	10	89
YZCHA-3D-0870	8.7	43	47	40	10	89
YZCHA-3D-0880	8.8	43	47	40	10	89
YZCHA-3D-0900	9	43	47	40	10	89
YZCHA-3D-0930	9.3	43	47	40	10	89
YZCHA-3D-0950	9.5	43	47	40	10	89
YZCHA-3D-0960	9.6	43	47	40	10	89
YZCHA-3D-0980	9.8	43	47	40	10	89
YZCHA-3D-1000	10	43	47	40	10	89
YZCHA-3D-1040	10.4	50	55	45	12	102
YZCHA-3D-1050	10.5	50	55	45	12	102
YZCHA-3D-1060	10.6	50	55	45	12	102
YZCHA-3D-1080	10.8	50	55	45	12	102
YZCHA-3D-1100	11	50	55	45	12	102
YZCHA-3D-1120	11.2	50	55	45	12	102
YZCHA-3D-1150	11.5	50	55	45	12	102
YZCHA-3D-1180	11.8	50	55	45	12	102
YZCHA-3D-1200	12	50	55	45	12	102
YZCHA-3D-1250	12.5	54	60	45	14	107

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●	●	●	○	○	○	○

YZCHA-3D DIN6537 Carbide Drill with Intenal Coolant



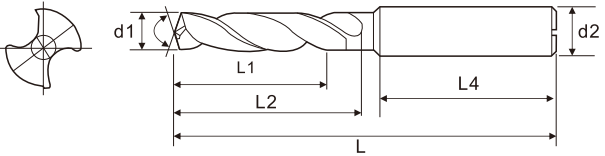
Technical Specification



Specification	d1	Lr	L2	L4	d2	L
YZCHA-3D-1270	12.7	54	60	45	14	107
YZCHA-3D-1280	12.8	54	60	45	14	107
YZCHA-3D-1285	12.85	54	60	45	14	107
YZCHA-3D-1300	13	54	60	45	14	107
YZCHA-3D-1310	13.1	54	60	45	14	107
YZCHA-3D-1350	13.5	54	60	45	14	107
YZCHA-3D-1380	13.8	54	60	45	14	107
YZCHA-3D-1400	14	54	60	45	14	107
YZCHA-3D-1450	14.5	59	65	48	16	115
YZCHA-3D-1480	14.8	59	65	48	16	115
YZCHA-3D-1500	15	59	65	48	16	115
YZCHA-3D-1510	15.1	59	65	48	16	115
YZCHA-3D-1550	15.5	59	65	48	16	115
YZCHA-3D-1580	15.8	59	65	48	16	115
YZCHA-3D-1600	16	59	65	48	16	115
YZCHA-3D-1650	16.5	67	73	48	18	123
YZCHA-3D-1680	16.8	67	73	48	18	123
YZCHA-3D-1700	17	67	73	48	18	123
YZCHA-3D-1750	17.5	67	73	48	18	123
YZCHA-3D-1780	17.8	67	73	48	18	123
YZCHA-3D-1800	18	67	73	48	18	123
YZCHA-3D-1850	18.5	73	79	50	20	131
YZCHA-3D-1880	18.8	73	79	50	20	131
YZCHA-3D-1900	19	73	79	50	20	131
YZCHA-3D-1950	19.5	73	79	50	20	131
YZCHA-3D-1980	19.8	73	79	50	20	131
YZCHA-3D-2000	20	73	79	50	20	131

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●						

YZNHA-5D DIN6537 Carbide Drill



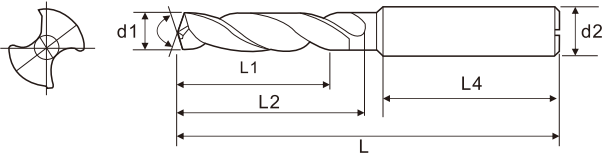
Technical Specification



Specification	d1	Lr	L2	L4	d2	L
YZNHA-5D-0300	3	25	28	36	6	66
YZNHA-5D-0330	3.3	25	28	36	6	66
YZNHA-5D-0340	3.4	25	28	36	6	66
YZNHA-5D-0350	3.5	25	28	36	6	66
YZNHA-5D-0370	3.7	25	28	36	6	66
YZNHA-5D-0400	4	32	36	36	6	74
YZNHA-5D-0420	4.2	32	36	36	6	74
YZNHA-5D-0430	4.3	32	36	36	6	74
YZNHA-5D-0450	4.5	32	36	36	6	74
YZNHA-5D-0480	4.8	40	44	36	6	82
YZNHA-5D-0500	5	40	44	36	6	82
YZNHA-5D-0510	5.1	40	44	36	6	82
YZNHA-5D-0520	5.2	40	44	36	6	82
YZNHA-5D-0550	5.5	40	44	36	6	82
YZNHA-5D-0580	5.8	40	44	36	6	82
YZNHA-5D-0600	6	40	44	36	6	82
YZNHA-5D-0610	6.1	50	53	36	8	91
YZNHA-5D-0620	6.2	50	53	36	8	91
YZNHA-5D-0630	6.3	50	53	36	8	91
YZNHA-5D-0650	6.5	50	53	36	8	91
YZNHA-5D-0660	6.6	50	53	36	8	91
YZNHA-5D-0680	6.8	50	53	36	8	91
YZNHA-5D-0690	6.9	50	53	36	8	91
YZNHA-5D-0700	7	50	53	36	8	91
YZNHA-5D-0710	7.1	50	53	36	8	91
YZNHA-5D-0740	7.4	50	53	36	8	91

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●						

YZNHA-5D DIN6537 Carbide Drill



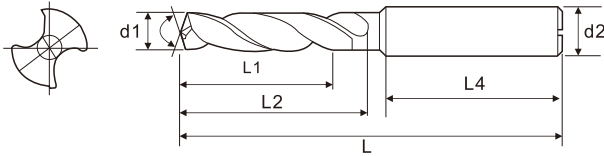
Technical Specification



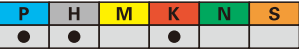
Specification	d1	Lr	L2	L4	d2	L
YZNHA-5D-0750	7.5	50	53	36	8	91
YZNHA-5D-0780	7.8	50	53	36	8	91
YZNHA-5D-0800	8	50	53	36	8	91
YZNHA-5D-0810	8.1	57	61	40	10	103
YZNHA-5D-0840	8.4	57	61	40	10	103
YZNHA-5D-0850	8.5	57	61	40	10	103
YZNHA-5D-0860	8.6	57	61	40	10	103
YZNHA-5D-0870	8.7	57	61	40	10	103
YZNHA-5D-0880	8.8	57	61	40	10	103
YZNHA-5D-0900	9	57	61	40	10	103
YZNHA-5D-0930	9.3	57	61	40	10	103
YZNHA-5D-0950	9.5	57	61	40	10	103
YZNHA-5D-0960	9.6	57	61	40	10	103
YZNHA-5D-0980	9.8	57	61	40	10	103
YZNHA-5D-1000	10	57	61	40	10	103
YZNHA-5D-1020	10.2	65	71	45	12	118
YZNHA-5D-1040	10.4	65	71	45	12	118
YZNHA-5D-1050	10.5	65	71	45	12	118
YZNHA-5D-1060	10.6	65	71	45	12	118
YZNHA-5D-1080	10.8	65	71	45	12	118
YZNHA-5D-1100	11	65	71	45	12	118
YZNHA-5D-1120	11.2	65	71	45	12	118
YZNHA-5D-1150	11.5	65	71	45	12	118
YZNHA-5D-1180	11.8	65	71	45	12	118
YZNHA-5D-1200	12	65	71	45	12	118
YZNHA-5D-1220	12.2	72	77	45	14	124

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●						

YZNHA-5D DIN6537 Carbide Drill



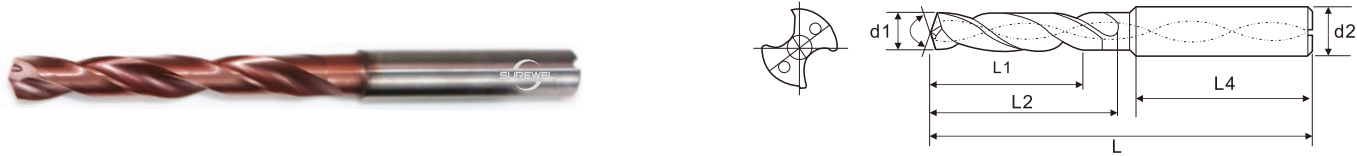
Technical Specification



Specification	d1	Lr	L2	L4	d2	L
YZNHA-5D-1250	12.5	72	77	45	14	124
YZNHA-5D-1270	12.7	72	77	45	14	124
YZNHA-5D-1280	12.8	72	77	45	14	124
YZNHA-5D-1300	13	72	77	45	14	124
YZNHA-5D-1350	13.5	72	77	45	14	124
YZNHA-5D-1380	13.8	72	77	45	14	124
YZNHA-5D-1400	14	72	77	45	14	124
YZNHA-5D-1420	14.2	77	83	48	16	133
YZNHA-5D-1450	14.5	77	83	48	16	133
YZNHA-5D-1480	14.8	77	83	48	16	133
YZNHA-5D-1500	15	77	83	48	16	133
YZNHA-5D-1510	15.1	77	83	48	16	133
YZNHA-5D-1550	15.5	77	83	48	16	133
YZNHA-5D-1580	15.8	77	83	48	16	133
YZNHA-5D-1600	16	77	83	48	16	133
YZNHA-5D-1650	16.5	87	93	48	18	143
YZNHA-5D-1680	16.8	87	93	48	18	143
YZNHA-5D-1700	17	87	93	48	18	143
YZNHA-5D-1750	17.5	87	93	48	18	143
YZNHA-5D-1780	17.8	87	93	48	18	143
YZNHA-5D-1800	18	87	93	48	18	143
YZNHA-5D-1850	18.5	95	101	50	20	153
YZNHA-5D-1900	19	95	101	50	20	153
YZNHA-5D-1950	19.5	95	101	50	20	153
YZNHA-5D-1980	19.8	95	101	50	20	153
YZNHA-5D-2000	20	95	101	50	20	153

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●						

YZCHA-5D DIN6537 Carbide Drill with Intenal Coolant



Technical Specification



Specification	d1	Lr	L2	L4	d2	L
YZCHA-5D-0300	3	25	28	36	6	66
YZCHA-5D-0330	3.3	25	28	36	6	66
YZCHA-5D-0340	3.4	25	28	36	6	66
YZCHA-5D-0350	3.5	25	28	36	6	66
YZCHA-5D-0370	3.7	25	28	36	6	66
YZCHA-5D-0400	4	32	36	36	6	74
YZCHA-5D-0420	4.2	32	36	36	6	74
YZCHA-5D-0430	4.3	32	36	36	6	74
YZCHA-5D-0450	4.5	32	36	36	6	74
YZCHA-5D-0480	4.8	40	44	36	6	82
YZCHA-5D-0500	5	40	44	36	6	82
YZCHA-5D-0510	5.1	40	44	36	6	82
YZCHA-5D-0520	5.2	40	44	36	6	82
YZCHA-5D-0550	5.5	40	44	36	6	82
YZCHA-5D-0580	5.8	40	44	36	6	82
YZCHA-5D-0600	6	40	44	36	6	82
YZCHA-5 D-0610	6.1	50	53	36	8	91
YZCHA-5D-0620	6.2	50	53	36	8	91
YZCHA-5D-0630	6.3	50	53	36	8	91
YZCHA-5D-0650	6.5	50	53	36	8	91
YZCHA-5D-0660	6.6	50	53	36	8	91
YZCHA-5D-0680	6.8	50	53	36	8	91
YZCHA-5D-0690	6.9	50	53	36	8	91
YZCHA-5D-0700	7	50	53	36	8	91
YZCHA-5D-0710	7.1	50	53	36	8	91
YZCHA-5D-0740	7.4	50	53	36	8	91

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●						

YZCHA-5D DIN6537 Carbide Drill with Intenal Coolant



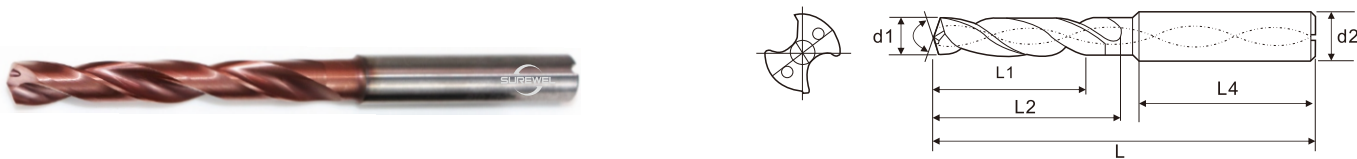
Technical Specification



Specification	d1	Lr	L2	L4	d2	L
YZCHA-5D-0750	7.5	50	53	36	8	91
YZCHA-5D-0780	7.8	50	53	36	8	91
YZCHA-5D-0800	8	50	53	36	8	91
YZCHA-5D-0810	8.1	57	61	40	10	103
YZCHA-5D-0840	8.4	57	61	40	10	103
YZCHA-5D-0850	8.5	57	61	40	10	103
YZCHA-5D-0860	8.6	57	61	40	10	103
YZCHA-5D-0870	8.7	57	61	40	10	103
YZCHA-5D-0880	8.8	57	61	40	10	103
YZCHA-5D-0900	9	57	61	40	10	103
YZCHA-5D-0930	9.3	57	61	40	10	103
YZCHA-5D-0950	9.5	57	61	40	10	103
YZCHA-5D-0960	9.6	57	61	40	10	103
YZCHA-5D-0980	9.8	57	61	40	10	103
YZCHA-5D-1000	10	57	61	40	10	103
YZCHA-5D-1020	10.2	65	71	45	12	118
YZCHA-5D-1040	10.4	65	71	45	12	118
YZCHA-5D-1050	10.5	65	71	45	12	118
YZCHA-5D-1060	10.6	65	71	45	12	118
YZCHA-5D-1080	10.8	65	71	45	12	118
YZCHA-5D-1100	11	65	71	45	12	118
YZCHA-5D-1120	11.2	65	71	45	12	118
YZCHA-5D-1150	11.5	65	71	45	12	118
YZCHA-5D-1180	11.8	65	71	45	12	118
YZCHA-5D-1200	12	65	71	45	12	118
YZCHA-5D-1220	12.2	72	77	45	14	124

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
●	●	●	●	●	○	○	○	○	●	●						

YZCHA-5D DIN6537 Carbide Drill with Intenal Coolant



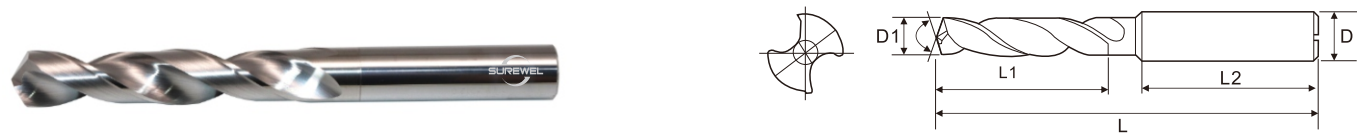
Technical Specification



Specification	d1	Lr	L2	L4	d2	L
YZCHA-5D-1250	12.5	72	77	45	14	124
YZCHA-5D-1270	12.7	72	77	45	14	124
YZCHA-5D-1280	12.8	72	77	45	14	124
YZCHA-5D-1300	13	72	77	45	14	124
YZCHA-5D-1350	13.5	72	77	45	14	124
YZCHA-5D-1380	13.8	72	77	45	14	124
YZCHA-5D-1400	14	72	77	45	14	124
YZCHA-5D-1420	14.2	77	83	48	16	133
YZCHA-5D-1450	14.5	77	83	48	16	133
YZCHA-5D-1480	14.8	77	83	48	16	133
YZCHA-5D-1500	15	77	83	48	16	133
YZCHA-5D-1510	15.1	77	83	48	16	133
YZCHA-5D-1550	15.5	77	83	48	16	133
YZCHA-5D-1580	15.8	77	83	48	16	133
YZCHA-5D-1600	16	77	83	48	16	133
YZCHA-5D-1650	16.5	87	93	48	18	143
YZCHA-5D-1680	16.8	87	93	48	18	143
YZCHA-5D-1700	17	87	93	48	18	143
YZCHA-5D-1750	17.5	87	93	48	18	143
YZCHA-5D-1780	17.8	87	93	48	18	143
YZCHA-5D-1800	18	87	93	48	18	143
YZCHA-5D-1850	18.5	95	101	50	20	153
YZCHA-5D-1900	19	95	101	50	20	153
YZCHA-5D-1950	19.5	95	101	50	20	153
YZCHA-5D-1980	19.8	95	101	50	20	153
YZCHA-5D-2000	20	95	101	50	20	153

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	—	—	—	—	—
●	●	●	●	●	○			○	●	●							

YZGDS Solid Carbide Drill



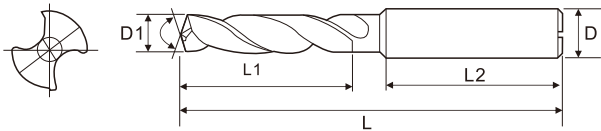
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D3.05	3.05	16	34	50	4
YZGDS-D3.10	3.1	16	34	50	4
YZGDS-D3.15	3.15	16	34	50	4
YZGDS-D3.20	3.2	16	34	50	4
YZGDS-D3.25	3.25	16	34	50	4
YZGDS-D3.30	3.3	16	34	50	4
YZGDS-D3.35	3.35	16	34	50	4
YZGDS-D3.40	3.4	16	34	50	4
YZGDS-D3.45	3.45	16	34	50	4
YZGDS-D3.50	3.5	16	34	50	4
YZGDS-D3.55	3.55	16	34	50	4
YZGDS-D3.60	3.6	18	32	50	4
YZGDS-D3.65	3.65	18	32	50	4
YZGDS-D3.70	3.7	18	32	50	4
YZGDS-D3.75	3.75	18	32	50	4
YZGDS-D3.80	3.8	18	32	50	4
YZGDS-D3.85	3.85	18	32	50	4
YZGDS-D3.90	3.9	18	32	50	4
YZGDS-D3.95	3.95	18	32	50	4
YZGDS-D4.00	4	18	32	50	4
YZGDS-D4.05	4.05	18	27	45	5
YZGDS-D4.10	4.1	18	27	45	5
YZGDS-D4.15	4.15	18	27	45	5
YZGDS-D4.20	4.2	18	27	45	5
YZGDS-D4.25	4.25	18	27	45	5
YZGDS-D4.30	4.3	18	27	45	5

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
○	○	○	○	○	○			○	○	○	●	●	●	●	●		

YZGDS Solid Carbide Drill



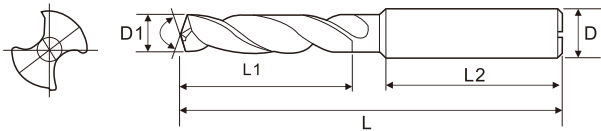
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D4.35	4.35	18	27	45	5
YZGDS-D4.40	4.4	18	27	45	5
YZGDS-D4.45	4.45	18	27	45	5
YZGDS-D4.50	4.5	18	27	45	5
YZGDS-D4.55	4.55	20	25	45	5
YZGDS-D4.60	4.6	20	25	45	5
YZGDS-D4.65	4.65	20	25	45	5
YZGDS-D4.70	4.7	20	25	45	5
YZGDS-D4.75	4.75	20	25	45	5
YZGDS-D4.80	4.8	20	25	45	5
YZGDS-D4.85	4.85	20	25	45	5
YZGDS-D4.90	4.9	20	25	45	5
YZGDS-D4.95	4.95	20	25	45	5
YZGDS-D5.00	5	20	25	45	5
YZGDS-D5.05	5.05	25	25	50	6
YZGDS-D5.10	5.1	25	25	50	6
YZGDS-D5.15	5.15	25	25	50	6
YZGDS-D5.20	5.2	25	25	50	6
YZGDS-D5.25	5.25	25	25	50	6
YZGDS-D5.30	5.3	25	25	50	6
YZGDS-D5.35	5.35	25	25	50	6
YZGDS-D5.40	5.4	25	25	50	6
YZGDS-D5.45	5.45	25	25	50	6
YZGDS-D5.50	5.5	25	25	50	6
YZGDS-D5.55	5.55	25	25	50	6
YZGDS-D5.60	5.6	25	25	50	6

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZGDS Solid Carbide Drill



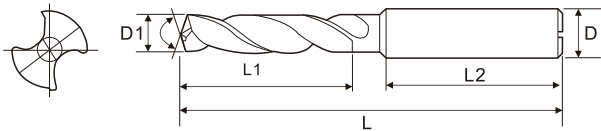
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D5.65	5.65	25	25	50	6
YZGDS-D5.70	5.7	25	25	50	6
YZGDS-D5.75	5.75	25	25	50	6
YZGDS-D5.80	5.8	25	25	50	6
YZGDS-D5.85	5.85	25	25	50	6
YZGDS-D5.90	5.9	25	25	50	6
YZGDS-D5.95	5.95	25	25	50	6
YZGDS-D6.00	6	25	25	50	6
YZGDS-D6.05	6.05	30	30	60	8
YZGDS-D6.10	6.1	30	30	60	8
YZGDS-D6.15	6.15	30	30	60	8
YZGDS-D6.20	6.2	30	30	60	8
YZGDS-D6.25	6.25	30	30	60	8
YZGDS-D6.30	6.3	30	30	60	8
YZGDS-D6.35	6.35	30	30	60	8
YZGDS-D6.40	6.4	30	30	60	8
YZGDS-D6.45	6.45	30	30	60	8
YZGDS-D6.50	6.5	30	30	60	8
YZGDS-D6.55	6.55	30	30	60	8
YZGDS-D6.60	6.6	30	30	60	8
YZGDS-D6.65	6.65	30	30	60	8
YZGDS-D6.70	6.7	30	30	60	8
YZGDS-D6.75	6.75	30	30	60	8
YZGDS-D6.80	6.8	30	30	60	8
YZGDS-D6.85	6.85	30	30	60	8
YZGDS-D6.90	6.9	30	30	60	8

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZGDS Solid Carbide Drill



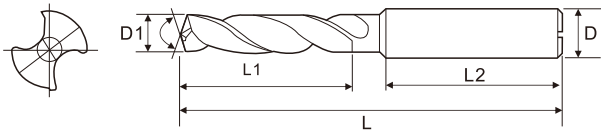
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D5.65	5.65	25	25	50	6
YZGDS-D5.70	5.7	25	25	50	6
YZGDS-D5.75	5.75	25	25	50	6
YZGDS-D5.80	5.8	25	25	50	6
YZGDS-D5.85	5.85	25	25	50	6
YZGDS-D5.90	5.9	25	25	50	6
YZGDS-D5.95	5.95	25	25	50	6
YZGDS-D6.00	6	25	25	50	6
YZGDS-D6.05	6.05	30	30	60	8
YZGDS-D6.10	6.1	30	30	60	8
YZGDS-D6.15	6.15	30	30	60	8
YZGDS-D6.20	6.2	30	30	60	8
YZGDS-D6.25	6.25	30	30	60	8
YZGDS-D6.30	6.3	30	30	60	8
YZGDS-D6.35	6.35	30	30	60	8
YZGDS-D6.40	6.4	30	30	60	8
YZGDS-D6.45	6.45	30	30	60	8
YZGDS-D6.50	6.5	30	30	60	8
YZGDS-D6.55	6.55	30	30	60	8
YZGDS-D6.60	6.6	30	30	60	8
YZGDS-D6.65	6.65	30	30	60	8
YZGDS-D6.70	6.7	30	30	60	8
YZGDS-D6.75	6.75	30	30	60	8
YZGDS-D6.80	6.8	30	30	60	8
YZGDS-D6.85	6.85	30	30	60	8
YZGDS-D6.90	6.9	30	30	60	8

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-	-

YZGDS Solid Carbide Drill



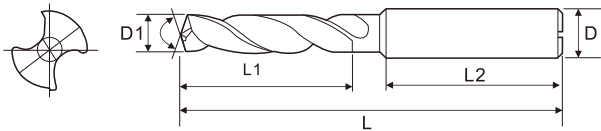
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D8.25	8.25	40	35	75	10
YZGDS-D8.30	8.3	40	35	75	10
YZGDS-D8.35	8.35	40	35	75	10
YZGDS-D8.40	8.4	40	35	75	10
YZGDS-D8.45	8.45	40	35	75	10
YZGDS-D8.50	8.5	40	35	75	10
YZGDS-D8.55	8.55	40	35	75	10
YZGDS-D8.60	8.6	40	35	75	10
YZGDS-D8.65	8.65	40	35	75	10
YZGDS-D8.70	8.7	40	35	75	10
YZGDS-D8.75	8.75	40	35	75	10
YZGDS-D8.80	8.8	40	35	75	10
YZGDS-D8.85	8.85	40	35	75	10
YZGDS-D8.90	8.9	40	35	75	10
YZGDS-D8.95	8.95	40	35	75	10
YZGDS-D9.00	9	40	35	75	10
YZGDS-D9.05	9.05	40	35	75	10
YZGDS-D9.10	9.1	40	35	75	10
YZGDS-D9.15	9.15	40	35	75	10
YZGDS-D9.20	9.2	40	35	75	10
YZGDS-D9.25	9.25	40	35	75	10
YZGDS-D9.30	9.3	40	35	75	10
YZGDS-D9.35	9.35	40	35	75	10
YZGDS-D9.40	9.4	40	35	75	10
YZGDS-D9.45	9.45	40	35	75	10
YZGDS-D9.50	9.5	40	35	75	10

Application table of the material to be cut (Most Applicable● / ○Applicable)																	
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-	-

YZGDS Solid Carbide Drill



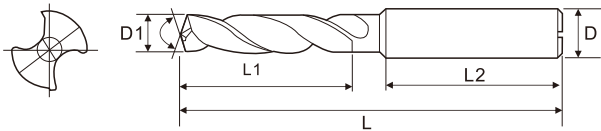
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D9.55	9.55	40	35	75	10
YZGDS-D9.60	9.6	40	35	75	10
YZGDS-D9.65	9.65	40	35	75	10
YZGDS-D9.70	9.7	40	35	75	10
YZGDS-D9.75	9.75	40	35	75	10
YZGDS-D9.80	9.8	40	35	75	10
YZGDS-D9.85	9.85	40	35	75	10
YZGDS-D9.90	9.9	40	35	75	10
YZGDS-D9.95	9.95	40	35	75	10
YZGDS-D10.00	10	40	35	75	10
YZGDS-D10.05	10.05	42	33	75	12
YZGDS-D10.10	10.1	42	33	75	12
YZGDS-D10.15	10.15	42	33	75	12
YZGDS-D10.20	10.2	42	33	75	12
YZGDS-D10.25	10.25	42	33	75	12
YZGDS-D10.30	10.3	42	33	75	12
YZGDS-D10.35	10.35	42	33	75	12
YZGDS-D10.40	10.4	42	33	75	12
YZGDS-D10.45	10.45	42	33	75	12
YZGDS-D10.50	10.5	42	33	75	12
YZGDS-D10.55	10.55	42	33	75	12
YZGDS-D10.60	10.6	42	33	75	12
YZGDS-D10.65	10.65	42	33	75	12
YZGDS-D10.70	10.7	42	33	75	12
YZGDS-D10.75	10.75	42	33	75	12
YZGDS-D10.80	10.8	42	33	75	12

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZGDS Solid Carbide Drill



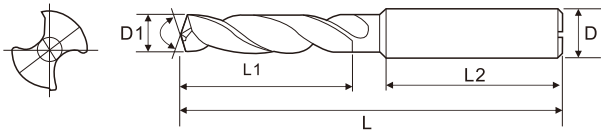
Technical Specification



Specification	D1	L1	L2	L	D
YZGDS-D10.85	10.85	42	33	75	12
YZGDS-D10.90	10.9	42	33	75	12
YZGDS-D10.95	10.95	42	33	75	12
YZGDS-D11.00	11	42	33	75	12
YZGDS-D11.05	11.05	48	32	80	12
YZGDS-D11.10	11.1	48	32	80	12
YZGDS-D11.15	11.15	48	32	80	12
YZGDS-D11.20	11.2	48	32	80	12
YZGDS-D11.25	11.25	48	32	80	12
YZGDS-D11.30	11.3	48	32	80	12
YZGDS-D11.35	11.35	48	32	80	12
YZGDS-D11.40	11.4	48	32	80	12
YZGDS-D11.45	11.45	48	32	80	12
YZGDS-D11.50	11.5	48	32	80	12
YZGDS-D11.55	11.55	48	32	80	12
YZGDS-D11.60	11.6	48	32	80	12
YZGDS-D11.65	11.65	48	32	80	12
YZGDS-D11.70	11.7	48	32	80	12
YZGDS-D11.75	11.75	48	32	80	12
YZGDS-D11.80	11.8	48	32	80	12
YZGDS-D11.85	11.85	48	32	80	12
YZGDS-D11.90	11.9	48	32	80	12
YZGDS-D11.95	11.95	48	32	80	12
YZGDS-D12.00	12	48	32	80	12

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZGDL Solid Carbide Drill(Long Flute Type)



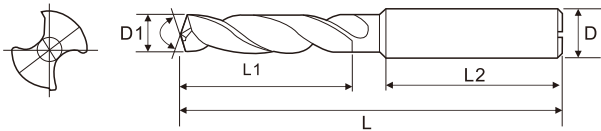
Technical Specification



Specification	D1	L1	L2	L	D
YZGDL-D3.1	3.1	18	34	52	4
YZGDL-D3.2	3.2	18	34	52	4
YZGDL-D3.3	3.3	18	34	52	4
YZGDL-D3.4	3.4	20	32	52	4
YZGDL-D3.5	3.5	20	35	55	4
YZGDL-D3.6	3.6	20	35	55	4
YZGDL-D3.7	3.7	20	35	55	4
YZGDL-D3.8	3.8	22	33	55	4
YZGDL-D3.9	3.9	22	33	55	4
YZGDL-D4.0	4	22	33	55	4
YZGDL-D4.1	4.1	26	34	60	5
YZGDL-D4.2	4.2	26	34	60	5
YZGDL-D4.3	4.3	26	34	60	5
YZGDL-D4.4	4.4	26	34	60	5
YZGDL-D4.5	4.5	26	34	60	5
YZGDL-D4.6	4.6	28	32	60	5
YZGDL-D4.7	4.7	28	32	60	5
YZGDL-D4.8	4.8	28	32	60	5
YZGDL-D4.9	4.9	28	32	60	5
YZGDL-D5.0	5	28	32	60	5
YZGDL-D5.1	5.1	28	37	65	6
YZGDL-D5.2	5.2	28	37	65	6
YZGDL-D5.3	5.3	28	37	65	6
YZGDL-D5.4	5.4	30	35	65	6
YZGDL-D5.5	5.5	30	35	65	6
YZGDL-D5.6	5.6	30	35	65	6

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

YZGDL Solid Carbide Drill(Long Flute Type)



Technical Specification



Specification	D1	L1	L2	L	D
YZGDL-D5.7	5.7	30	35	65	6
YZGDL-D5.8	5.8	30	35	65	6
YZGDL-D5.9	5.9	30	35	65	6
YZGDL-D6.0	6	30	35	65	6
YZGDL-D6.1	6.1	36	39	75	7
YZGDL-D6.2	6.2	36	39	75	7
YZGDL-D6.3	6.3	36	39	75	7
YZGDL-D6.4	6.4	36	39	75	7
YZGDL-D6.5	6.5	36	39	75	7
YZGDL-D6.6	6.6	42	38	80	7
YZGDL-D6.7	6.7	42	38	80	7
YZGDL-D6.8	6.8	42	38	80	7
YZGDL-D6.9	6.9	42	38	80	7
YZGDL-D7.0	7	42	38	80	7
YZGDL-D7.1	7.1	53	38	91	8
YZGDL-D7.2	7.2	53	38	91	8
YZGDL-D7.3	7.3	53	38	91	8
YZGDL-D7.4	7.4	53	38	91	8
YZGDL-D7.5	7.5	53	38	91	8
YZGDL-D7.6	7.6	53	38	91	8
YZGDL-D7.7	7.7	53	38	91	8
YZGDL-D7.8	7.8	53	38	91	8
YZGDL-D7.9	7.9	53	38	91	8
YZGDL-D8.0	8	53	38	91	8
YZGDL-D8.1	8.1	61	42	103	9
YZGDL-D8.2	8.2	61	42	103	9

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Superalloys
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-


YZGDL Solid Carbide Drill(Long Flute Type)



Technical Specification

MG Carbide

Uncoated



P

H

M

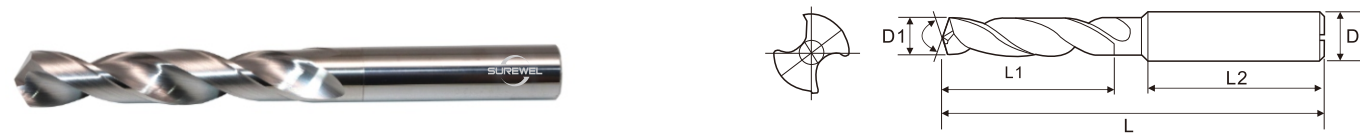
K

N

S

Specification	D1	L1	L2	L	D
YZGDL-D8.3	8.3	61	42	103	9
YZGDL-D8.4	8.4	61	42	103	9
YZGDL-D8.5	8.5	61	42	103	9
YZGDL-D8.6	8.6	61	42	103	9
YZGDL-D8.7	8.7	61	42	103	9
YZGDL-D8.8	8.8	61	42	103	9
YZGDL-D8.9	8.9	61	42	103	9
YZGDL-D9.0	9	61	42	103	9
YZGDL-D9.1	9.1	61	42	103	10
YZGDL-D9.2	9.2	61	42	103	10
YZGDL-D9.3	9.3	61	42	103	10
YZGDL-D9.4	9.4	61	42	103	10
YZGDL-D9.5	9.5	61	42	103	10
YZGDL-D9.6	9.6	61	42	103	10
YZGDL-D9.7	9.7	61	42	103	10
YZGDL-D9.8	9.8	61	42	103	10
YZGDL-D9.9	9.9	61	42	103	10
YZGDL-D10.0	10	61	42	103	10
YZGDL-D10.1	10.1	71	47	118	11
YZGDL-D10.2	10.2	71	47	118	11
YZGDL-D10.3	10.3	71	47	118	11
YZGDL-D10.4	10.4	71	47	118	11
YZGDL-D10.5	10.5	71	47	118	11
YZGDL-D10.6	10.6	71	47	118	11
YZGDL-D10.7	10.7	71	47	118	11
YZGDL-D10.8	10.8	71	47	118	11


YZGDL Solid Carbide Drill(Long Flute Type)



Technical Specification

MG Carbide

Uncoated



P

H

M

K

N

S

Specification	D1	L1	L2	L	D
YZGDL-D10.9	10.9	71	47	118	11
YZGDL-D11.0	11	71	47	118	11
YZGDL-D11.1	11.1	71	47	118	12
YZGDL-D11.2	11.2	71	47	118	12
YZGDL-D11.3	11.3	71	47	118	12
YZGDL-D11.4	11.4	71	47	118	12
YZGDL-D11.5	11.5	71	47	118	12
YZGDL-D11.6	11.6	71	47	118	12
YZGDL-D11.7	11.7	71	47	118	12
YZGDL-D11.8	11.8	71	47	118	12
YZGDL-D11.9	11.9	71	47	118	12
YZGDL-D12.0	12	71	47	118	12
YZGDL-D12.1	12.1	77	47	124	13
YZGDL-D12.2	12.2	77	47	124	13
YZGDL-D12.3	12.3	77	47	124	13
YZGDL-D12.4	12.4	77	47	124	13
YZGDL-D12.5	12.5	77	47	124	13
YZGDL-D12.6	12.6	77	47	124	13
YZGDL-D12.7	12.7	77	47	124	13
YZGDL-D12.8	12.8	77	47	124	13
YZGDL-D12.9	12.9	77	47	124	13
YZGDL-D13.0	13	77	47	124	13

Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-

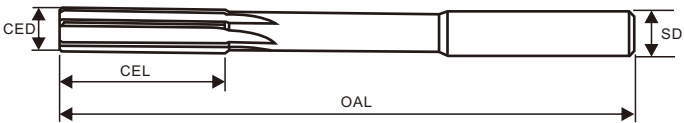
Application table of the material to be cut (Most Applicable● / ○Applicable)																
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Copper	Aluminum	Engineering Plastics	Fiberglass	Bakelite	Titanium Alloy
C-0.25%	C0.25-0.45%	C-0.45%	SCM	25-35HRC	35-45HRC	45-50HRC	50-60HRC	SUS	SKD	FC	Cu	AL	-	-	-	-
○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	-



Solid Carbide Reamers



YR301 Carbide Straight Fluted Machine Reamers



Technical Specification



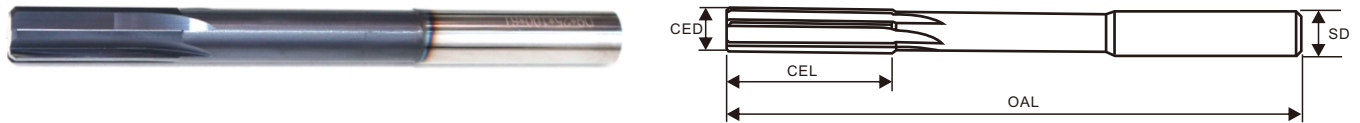
Tolerance:Dc
+0.004/+0.008:0.5~3.0
+0.005/+0.010:3.0~6.0
+0.006/+0.012:6.0~10
+0.008/+0.015:10~18
+0.009/+0.017:18~30

Designed with straight cutting flutes.
Downward chip evacuation.

Specification	H7	CEL	LE	SD	OAL	F
D1-6-D4-50L-4T	1.0	6	18	4.0	50	4
D1.5-8-D4-50L-4T	1.5	8	18	4.0	50	4
D2-11-D4-50L-4T	2.0	11	19	4.0	50	4
D2.5-14-D4-57L-4T	2.5	14	29	4.0	57	4
D3-15-D4-61L-4T	3.0	15	33	4.0	61	4
D3.5-18-D4-70L-4T	3.5	18	43	4.0	70	4
D4-19-D4-75L-4T	4.0	19	43	4.0	75	4
D4.5-21-D6-80L-6T	4.5	21	49	6.0	80	6
D5-23-D6-86L-6T	5.0	23	52	6.0	86	6
D5.5-26-D6-93L-6T	5.5	26	53	6.0	93	6
D6-26-D6-93L-6T	6.0	26	53	6.0	93	6
D6.5-28-D8-101L-6T	6.5	28	61	8.0	101	6
D7-31-D8-109L-6T	7.0	31	68	8.0	109	6
D7.5-31-D8-109L-6T	7.5	31	68	8.0	109	6
D8-33-D8-117L-6T	8.0	33	77	8.0	117	6
D8.5-33-D10-117L-6T	8.5	33	77	10.0	117	6
D9-36-D10-125L-6T	9.0	36	80	10.0	125	6
D9.5-36-D10-125L-6T	9.5	36	80	10.0	125	6

Application table of the material to be cut. (Most Applicable●○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	-

YR301 Carbide Straight Fluted Machine Reamers



Technical Specification



Tolerance:Dc
+0.004/+0.008:0.5~3.0
+0.005/+0.010:3.0~6.0
+0.006/+0.012:6.0~10
+0.008/+0.015:10~18
+0.009/+0.017:18~30

Designed with straight cutting flutes.
Downward chip evacuation.

Specification	H7	CEL	LE	SD	OAL	F
D10-38-D10-133L-6T	10.0	38	88	10.0	133	6
D10.5-38-D12-133L-6T	10.5	38	88	12.0	133	6
D11-41-D12-142L-6T	11.0	41	97	12.0	142	6
D11.5-41-D12-142L-6T	11.5	41	97	12.0	142	6
D12-44-D12-151L-6T	12.0	44	100	12.0	151	6
D12.5-44-D14-151L-6T	12.5	44	100	14.0	151	6
D13-44-D14-151L-6T	13.0	44	100	14.0	151	6
D13.5-47-D14-160L-6T	13.5	47	110	14.0	160	6
D14-47-D14-160L-6T	14.0	47	110	14.0	160	6
D14.5-50-D16-162L-6T	14.5	50	114	16.0	162	6
D15-50-D16-162L-6T	15.0	50	114	16.0	162	6
D15.5-52-D16-170L-6T	15.5	52	124	16.0	170	6
D16-52-D16-170L-6T	16.0	52	124	16.0	170	6
D17-54-D18-175L-6T	17.0	54	128	18.0	175	6
D18-56-D18-182L-6T	18.0	56	132	18.0	182	6
D19-58-D20-189L-6T	19.0	58	139	20.0	189	6
D20-60-D20-195L-6T	20.0	60	145	20.0	195	6

YR401 Carbide Spiral Fluted Machine Reamers



Technical Specification



Tolerance:Dc
+0.004/+0.008:0.5~3.0
+0.005/+0.010:3.0~6.0
+0.006/+0.012:6.0~10
+0.008/+0.015:10~18

Designed with right helix and right cutting flutes.
Upward chip evacuation

Specification	H7	CEL	LE	SD	OAL	F
D1-6-D4-50L-4T	1.0	6	18	4.0	50	4
D1.5-9-D4-50L-4T	1.5	9	18	4.0	50	4
D2-12-D4-50L-4T	2.0	12	19	4.0	50	4
D2.5-16-D4-57L-4T	2.5	16	29	4.0	57	4
D3-17-D4-61L-4T	3.0	17	33	4.0	61	4
D3.5-18-D4-70L-4T	3.5	18	43	4.0	70	4
D4-19-D4-75L-4T	4.0	19	43	4.0	75	4
D4.5-21-D6-80L-4T	4.5	21	49	6.0	80	4
D5-23-D6-86L-6T	5.0	23	52	6.0	86	6
D5.5-26-D6-93L-6T	5.5	26	53	6.0	93	6
D6-26-D6-93L-6T	6.0	26	53	6.0	93	6
D6.5-28-D8-101L-6T	6.5	28	61	8.0	101	6
D7-31-D8-109L-6T	7.0	31	68	8.0	109	6
D7.5-31-D8-109L-6T	7.5	31	68	8.0	109	6
D8-33-D10-117L-6T	8.0	33	77	10.0	117	6
D8.5-33-D10-117L-6T	8.5	33	77	10.0	117	6

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Application table of the material to be cut (Most Applicable● / ○Applicable)															
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy	Nickel
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR401 Carbide Spiral Fluted Machine Reamers



Technical Specification



Tolerance:Dc
+0.004/+0.008:0.5~3.0
+0.005/+0.010:3.0~6.0
+0.006/+0.012:6.0~10
+0.008/+0.015:10~18

Designed with right helix and right cutting flutes.
Upward chip evacuation

Specification	H7	CEL	LE	SD	OAL	F
D9-36-D10-125L-6T	9.0	36	80	10.0	125	6
D9.5-36-D10-125L-6T	9.5	36	80	10.0	125	6
D10-38-D10-133L-6T	10.0	38	88	10.0	133	6
D10.5-38-D12-133L-6T	10.5	38	88	12.0	133	6
D11-41-D12-142L-6T	11.0	41	97	12.0	142	6
D11.5-41-D12-142L-6T	11.5	41	97	12.0	142	6
D12-44-D12-151L-6T	12.0	44	100	12.0	151	6
D12.5-44-D14-151L-6T	12.5	44	100	14.0	151	6
D13-44-D14-151L-6T	13.0	44	100	14.0	151	6
D13.5-47-D13.5-160L-6T	13.5	47	110	14.0	160	6
D14-47-D14-160L-6T	14.0	47	110	14.0	160	6

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
0.98~0.99	6	18	4	50	3
1.00	6	18	4	50	3
1.01~1.02	6	18	4	50	3
1.03~1.10	9	18	4	50	3
1.11~1.19	9	18	4	50	3
1.20	9	18	4	50	3
1.21~1.29	9	18	4	50	3
1.30	9	18	4	50	3
1.31~1.39	9	18	4	50	3
1.40	9	18	4	50	3
1.41~1.49	9	18	4	50	3
1.50	9	18	4	50	3
1.51~1.59	10	18	4	50	3
1.60	10	18	4	50	3
1.61~1.69	10	18	4	50	3
1.70	10	18	4	50	3
1.71~1.79	10	19	4	50	4
1.80	11	19	4	50	4
1.81~1.89	11	19	4	50	4
1.90	11	19	4	50	4

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
1.91~1.99	12	19	4	50	4
2.00	12	19	4	50	4
2.01~2.09	12	19	4	50	4
2.10	12	19	4	50	4
2.11~2.19	12	19	4	50	4
2.20	12	19	4	50	4
2.21~2.29	12	19	4	50	4
2.30	12	19	4	50	4
2.31~2.36	12	19	4	50	4
2.37~2.49	16	29	4	60	4
2.50	16	29	4	60	4
2.51~2.59	16	29	4	60	4
2.60	16	29	4	60	4
2.61~2.65	16	29	4	60	4
2.66~2.79	17	33	4	65	6
2.80	17	33	4	65	6
2.81~2.89	17	33	4	65	6
2.90	17	33	4	65	6
2.91~2.99	17	33	4	65	6
3.00	17	33	4	65	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
3.01~3.03	17	33	4	65	6
3.04~3.19	18	33	4	65	6
3.20	18	33	4	65	6
3.21~3.29	18	33	4	65	6
3.30	18	33	4	65	6
3.31~3.39	18	33	4	65	6
3.40	18	33	4	65	6
3.41~3.49	18	33	4	65	6
3.50	18	43	4	75	6
3.51~3.59	18	43	4	75	6
3.60	18	43	4	75	6
3.61~3.69	18	43	4	75	6
3.70	18	43	4	75	6
3.71~3.75	18	43	4	75	6
3.76~3.79	19	43	4	75	6
3.80	19	43	4	75	6
3.81~3.89	19	43	4	75	6
3.90	19	43	4	75	6
3.91~3.99	19	43	4	75	6
4.00	19	43	4	75	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
4.01~4.09	19	43	4	75	6
4.10	19	43	4	75	6
4.11~4.19	19	43	4	75	6
4.20	19	43	4	75	6
4.21~4.25	19	43	4	75	6
4.26~4.29	21	49	6	80	6
4.30	21	49	6	80	6
4.31~4.39	21	49	6	80	6
4.40	21	49	6	80	6
4.41~4.49	21	49	6	80	6
4.50	21	49	6	80	6
4.51~4.59	21	49	6	80	6
4.60	21	49	6	80	6
4.61~4.69	21	49	6	80	6
4.70	21	49	6	80	6
4.71~4.75	21	49	6	80	6
4.76~4.79	23	52	6	93	6
4.80	23	52	6	93	6
4.81~4.89	23	52	6	93	6
4.90	23	52	6	93	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



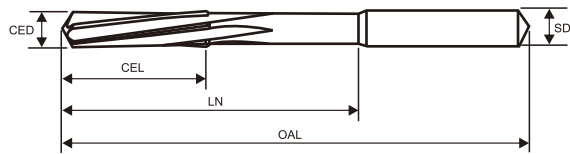
Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
4.91~4.99	23	52	6	93	6
5.00	23	52	6	93	6
5.01~5.09	23	52	6	93	6
5.10	23	52	6	93	6
5.11~5.19	23	52	6	93	6
5.20	23	52	6	93	6
5.21~5.29	23	52	6	93	6
5.30	23	52	6	93	6
5.31~5.39	26	53	6	93	6
5.40	26	53	6	93	6
5.41~5.49	26	53	6	93	6
5.50	26	53	6	93	6
5.51~5.59	26	53	6	93	6
5.60	26	53	6	93	6
5.61~5.69	26	53	6	93	6
5.70	26	53	6	93	6
5.71~5.79	26	53	6	93	6
5.80	26	53	6	93	6
5.81~5.89	26	53	6	93	6
5.90	26	53	6	93	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification

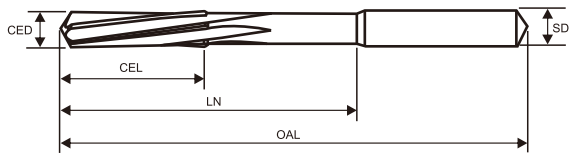


Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
5.91~5.99	26	53	6	93	6
6.00	26	53	6	93	6
6.01~6.03	26	53	6	93	6
6.04~6.09	28	61	8	101	6
6.10	28	61	8	101	6
6.11~6.19	28	61	8	101	6
6.20	28	61	8	101	6
6.21~6.29	28	61	8	101	6
6.30	28	61	8	101	6
6.31~6.39	28	61	8	101	6
6.40	28	61	8	101	6
6.41~6.49	28	61	8	101	6
6.50	28	61	8	101	6
6.51~6.59	28	61	8	101	6
6.60	28	61	8	101	6
6.61~6.69	28	61	8	101	6
6.70	28	61	8	101	6
6.71~6.79	31	68	8	109	6
6.80	31	68	8	109	6
6.81~6.89	31	68	8	109	6

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

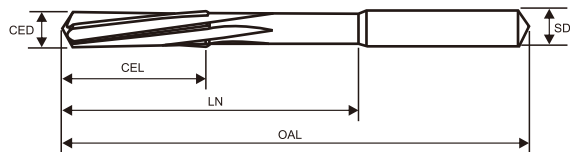
Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
6.90	31	68	8	109	6
6.91~6.99	31	68	8	109	6
7.00	31	68	8	109	6
7.01~7.09	31	68	8	109	6
7.10	31	68	8	109	6
7.11~7.19	31	68	8	109	6
7.20	31	68	8	109	6
7.21~7.29	31	68	8	109	6
7.30	31	68	8	109	6
7.31~7.39	31	68	8	109	6
7.40	31	68	8	109	6
7.41~7.49	31	68	8	109	6
7.50	31	68	8	109	6
7.51~7.59	33	77	8	117	6
7.60	33	77	8	117	6
7.61~7.69	33	77	8	117	6
7.70	33	77	8	117	6
7.71~7.79	33	77	8	117	6
7.80	33	77	8	117	6
7.81~7.89	33	77	8	117	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification

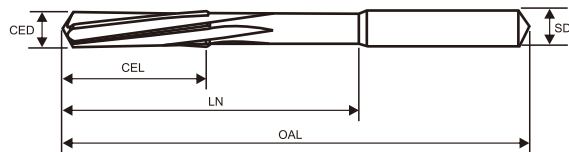


Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
7.90	33	77	8	117	6
7.91~7.99	33	77	8	117	6
8.00	33	77	8	117	6
8.01~8.09	33	77	8	117	6
8.10	33	77	8	117	6
8.11~8.19	33	77	8	117	6
8.20	33	77	8	117	6
8.21~8.29	33	77	8	117	6
8.30	33	77	8	117	6
8.39~8.39	33	77	8	117	6
8.40	33	77	8	117	6
8.41~8.49	33	77	8	117	6
8.50	33	77	8	117	6
8.51~8.59	36	80	10	125	6
8.60	36	80	10	125	6
8.61~8.69	36	80	10	125	6
8.70	36	80	10	125	6
8.71~8.79	36	80	10	125	6
8.80	36	80	10	125	6
8.81~8.99	36	80	10	125	6

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
9.00	36	80	10	125	6
9.01~9.09	36	80	10	125	6
9.10	36	80	10	125	6
9.11~9.19	36	80	10	125	6
9.20	36	80	10	125	6
9.21~9.29	36	80	10	125	6
9.30	36	80	10	125	6
9.31~9.39	36	80	10	125	6
9.40	36	80	10	125	6
9.41~9.49	36	80	10	125	6
9.50	36	80	10	125	6
9.51~9.59	38	88	10	133	6
9.60	38	88	10	133	6
9.61~9.69	38	88	10	133	6
9.70	38	88	10	133	6
9.71~9.79	38	88	10	133	6
9.80	38	88	10	133	6
9.81~9.89	38	88	10	133	6
9.90	38	88	10	133	6
9.91~9.99	38	88	10	133	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	○

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
10.00	38	88	10	133	6
10.01~10.09	38	88	10	133	6
10.10	38	88	10	133	6
10.11~10.19	38	88	10	133	6
10.20	38	88	10	133	6
10.21~10.29	38	88	10	133	6
10.30	38	88	10	133	6
10.31~10.39	38	88	10	133	6
10.40	38	88	10	133	6
10.41~10.49	38	88	10	133	6
10.50	38	88	10	133	6
10.51~10.59	38	88	10	133	6
10.60	38	88	10	133	6
10.61~10.69	41	97	10	142	6
10.70	41	97	10	142	6
10.71~10.79	41	97	10	142	6
10.80	41	97	10	142	6
10.81~10.89	41	97	10	142	6
10.90	41	97	10	142	6
10.91~10.99	41	97	10	142	6
11.00	41	97	10	142	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YR501 Carbide Spiral Fluted Machine Reamers
High Precision NC Machine Reamers In Steps of 0.01mm



Technical Specification



Accuracy tolerance:
+0/+0.004mm

Designed with left helix and right cutting
flutes, with unequal flute design.
Downward chip evacuation.

CED	CEL	LN	SD	OAL	F
11.01~11.09	41	97	10	142	6
11.10	41	97	10	142	6
11.11~11.19	41	97	10	142	6
11.20	41	97	10	142	6
11.21~11.29	41	97	10	142	6
11.30	41	97	10	142	6
11.31~11.39	41	97	10	142	6
11.40	41	97	10	142	6
11.41~11.49	41	97	10	142	6
11.50	41	97	10	142	6
11.51~11.59	41	97	10	142	6
11.60	41	97	10	142	6
11.61~11.69	41	97	10	142	6
11.70	41	97	10	142	6
11.71~11.79	41	97	10	142	6
11.80	41	97	10	142	6
11.81~11.89	44	100	12	151	6
11.90	44	100	12	151	6
11.91~11.99	44	100	12	151	6
12.00	44	100	12	151	6
12.01~12.05	44	100	12	151	6

Application table of the material to be cut (Most Applicable● / ○Applicable)														
Low Carbon Steel Mild Steel	Medium Carbon Steel	High Carbon Steel	Alloy Steel	Hardened Steel				Stainless Steel	Tool Steel	Castiron	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	50~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



We reserve the rights to update the products specification without prior notice.