

Your Reliable Expert of Machining Tools.



SUREWEL TOOLS

PRODUCT CATALOG



Threading Tools

Cutting Tools Catalog **-B**

THREADING TOOL

Machine Tap | Thread milling cutter



Vol.05  
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..

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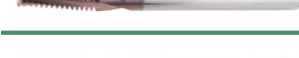
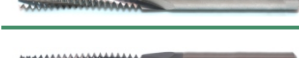
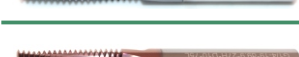










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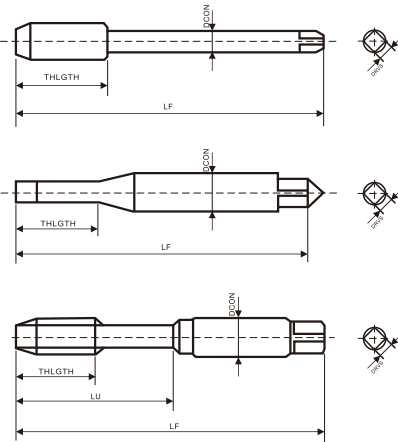
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YST615 Spiral Fluted Tap



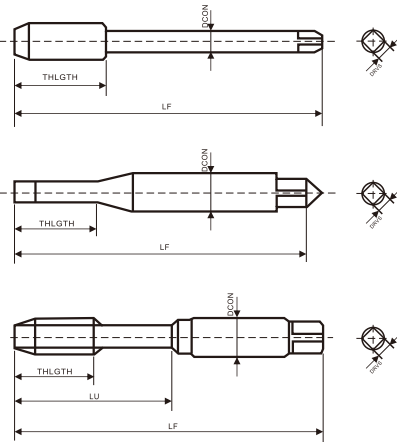
Technical Specification

M HSSE Uncoated ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M10*1.0	1	75	18	41	7	5.5	2.5P
M10*1.25	1.25	75	18	41	7	5.5	2.5P
M10*1.5	1.5	75	18	41	7	5.5	2.5P
M12*1.25	1.25	82	18	41	7	5.5	2.5P
M12*1.5	1.5	82	21	48	8.5	6.5	2.5P
M12*1.75	1.75	82	21	48	8.5	6.5	2.5P
M14*2.0	2	88	30	48	10.5	8	2.5P
M14*1.5	1.5	88	30	48	10.5	8	2.5P
M14*1.25	1.25	88	30	48	10.5	8	2.5P
M14*1.0	1	88	30	48	10.5	8	2.5P
M16*2.0	2	95	32	52	12.5	10	2.5P
M16*1.5	1.5	95	32	52	12.5	10	2.5P
M16*1.25	1.25	95	32	52	12.5	10	2.5P
M16*1.0	1	95	32	52	12.5	10	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST615 Spiral Fluted Tap



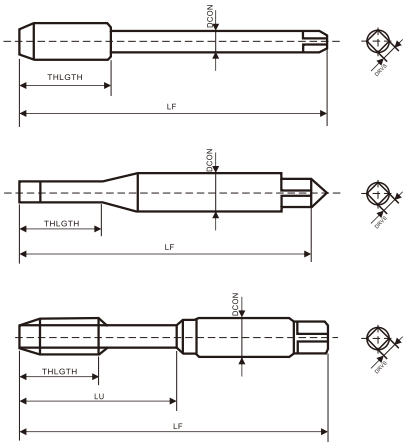
Technical Specification

UNC HSSE Uncoated ISO 6H JIS

Thread size	PITCH	LF	THLGTH	LU	DCON	DRVS	No.of Cutting Pitch
UNC 2-56	56	36	11	-	3	2.5	2.5P
UNC 4-40	40	44	7.7	17	3	2.5	2.5P
UNC 6-32	32	48	9.6	21	4	3.2	2.5P
UNC 8-32	32	48	9.6	21	5	4	2.5P
UNC 10-24	24	60	9.6	24	5.5	4	2.5P
UNC 12-24	24	60	12.7	25	5.5	4	2.5P
UNC 1/4-20	20	48	9	18	6	4.5	2.5P
UNC 5/16-18	18	70	17	37	6.1	5	2.5P
UNC 5/16-24	24	70	17	37	6.1	5	2.5P
UNC 3/8-16	16	75	19	41	7	5.5	2.5P
UNF 3/8-24	24	75	19	41	7	5.5	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST615T Spiral Fluted Tap TiN



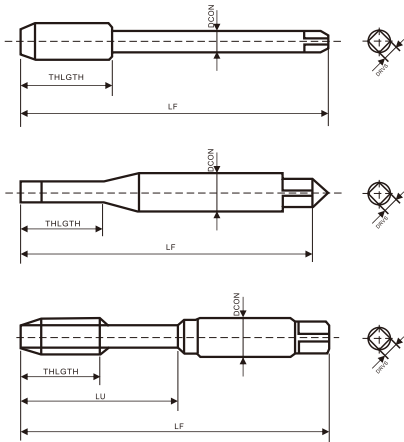
Technical Specification



TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1.0*0.25	0.25	30	7	-	3	2.5	2.5P
M1.2*0.25	0.25	32	8	-	3	2.5	2.5P
M1.4*0.3	0.25	34	9	-	3	2.5	2.5P
M1.6*0.35	0.25	36	10	-	3	2.5	2.5P
M1.0*0.25	0.25	45	8	-	3	2.5	2.5P
M1.2*0.25	0.25	45	8	-	3	2.5	2.5P
M1.4*0.3	0.3	45	9	-	3	2.5	2.5P
M1.6*0.35	0.35	45	10	-	3	2.5	2.5P
M1.7*0.35	0.35	36	11	-	3	2.5	2.5P
M2*0.4	0.4	40	12	-	3	2.5	2.5P
M2.5*0.45	0.45	44	14	-	3	2.5	2.5P
M3*0.5	0.5	46	6	19	4	3.2	2.5P
M3.5*0.6	0.6	48	6	19	4	3.2	2.5P
M4*0.7	0.7	52	8.4	20	4	3.2	2.5P
M5*0.8	0.8	60	9.6	24	5.5	4	2.5P
M6*1.0	1	62	12	29	6	4.5	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST615T Spiral Fluted Tap TiN



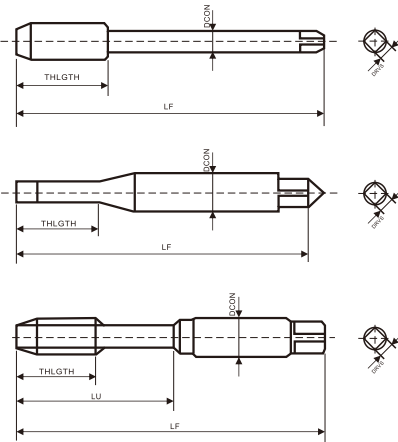
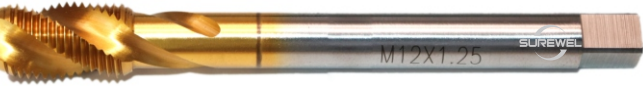
Technical Specification



TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M8*1.0	1	70	15	37	6.2	5	2.5P
M8*1.25	1.25	70	15	37	6.2	5	2.5P
M10*1.0	1	75	18	41	7	5.5	2.5P
M10*1.25	1.25	75	18	41	7	5.5	2.5P
M10*1.5	1.5	75	18	41	7	5.5	2.5P
M12*1.25	1.25	82	18	41	7	5.5	2.5P
M12*1.5	1.5	82	21	48	8.5	6.5	2.5P
M12*1.75	1.75	82	21	48	8.5	6.5	2.5P
M14*2.0	2	88	30	48	10.5	8	2.5P
M14*1.5	1.5	88	30	48	10.5	8	2.5P
M14*1.25	1.25	88	30	48	10.5	8	2.5P
M14*1.0	1	88	30	48	10.5	8	2.5P
M16*2.0	2	95	32	52	12.5	10	2.5P
M16*1.5	1.5	95	32	52	12.5	10	2.5P
M16*1.25	1.25	95	32	52	12.5	10	2.5P
M16*1.0	1	95	32	52	12.5	10	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○

YST615T Spiral Fluted Tap TiN



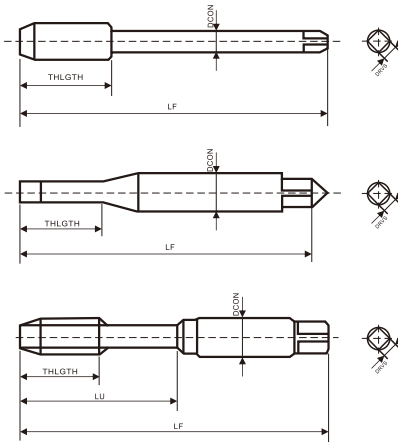
Technical Specification

UNC HSSE TIN ISO 6H JIS

Thread size	PITCH	LF	THLGTH	LU	DCON	DRVS	No.of Cutting Pitch
UNC 2-56	56	36	11	-	3	2.5	2.5P
UNC 4-40	40	44	7.7	17	3	2.5	2.5P
UNC 6-32	32	48	9.6	21	4	3.2	2.5P
UNC 8-32	32	48	9.6	21	5	4	2.5P
UNC 10-24	24	60	9.6	24	5.5	4	2.5P
UNC 12-24	24	60	12.7	25	5.5	4	2.5P
UNC 1/4-20	20	48	9	18	6	4.5	2.5P
UNC 5/16-18	18	70	17	37	6.1	5	2.5P
UNC 5/16-24	24	70	17	37	6.1	5	2.5P
UNC 3/8-16	16	75	19	41	7	5.5	2.5P
UNF 3/8-24	24	75	19	41	7	5.5	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	●	●	○	○				○	○	○	○	○	○	○	○	○	○	●	○

YST615TC Spiral Fluted Tap TiCN



Technical Specification

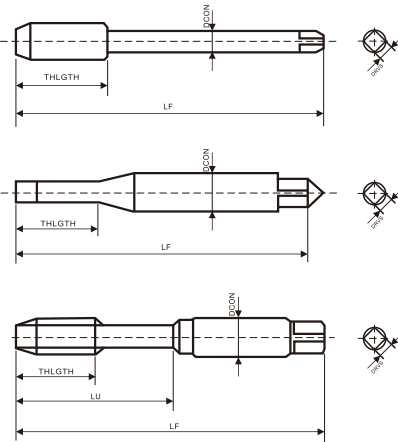
M HSSE TiCN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1.0*0.25	0.25	30	7	-	3	2.5	2.5P
M1.2*0.25	0.25	32	8	-	3	2.5	2.5P
M1.4*0.3	0.25	34	9	-	3	2.5	2.5P
M1.6*0.35	0.25	36	10	-	3	2.5	2.5P
M1.0*0.25*45	0.25	45	8	-	3	2.5	2.5P
M1.2*0.25*45	0.25	45	8	-	3	2.5	2.5P
M1.4*0.3*45	0.45	45	9	-	3	2.5	2.5P
M1.6*0.35*45	0.45	45	10	-	3	2.5	2.5P
M1.7*0.35	0.35	36	11	-	3	2.5	2.5P
M2*0.4	0.4	40	12	-	3	2.5	2.5P
M2.5*0.45	0.45	44	14	-	3	2.5	2.5P
M3*0.5	0.5	46	6	19	4	3.2	2.5P
M3.5*0.6	0.6	48	6	19	4	3.2	2.5P
M4*0.7	0.7	52	8.4	20	4	3.2	2.5P
M5*0.8	0.8	60	9.6	24	5.5	4	2.5P
M6*1.0	1	62	12	29	6	4.5	2.5P
M8*1.0	1	70	15	37	6.2	5	2.5P
M8*1.25	1.25	70	15	37	6.2	5	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	●	●	○	○				○	○	○	○	○	○	○	○	○	○	●	○



YST615TC Spiral Fluted Tap TiCN



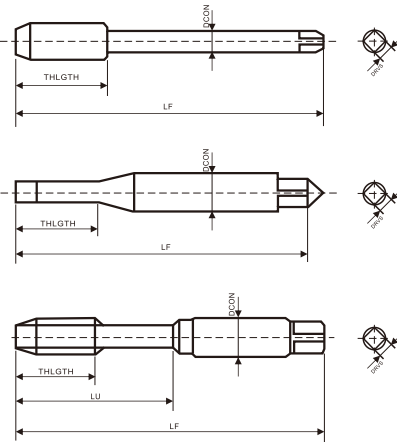
Technical Specification

M HSSE TiCN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M10*1.0	1	75	18	41	7	5.5	2.5P
M10*1.25	1.25	75	18	41	7	5.5	2.5P
M10*1.5	1.5	75	18	41	7	5.5	2.5P
M12*1.25	1.25	82	18	41	7	5.5	2.5P
M12*1.5	1.5	82	21	48	8.5	6.5	2.5P
M12*1.75	1.75	82	21	48	8.5	6.5	2.5P
M14*2.0	2	88	30	48	10.5	8	2.5P
M14*1.5	1.5	88	30	48	10.5	8	2.5P
M14*1.25	1.25	88	30	48	10.5	8	2.5P
M14*1.0	1	88	30	48	10.5	8	2.5P
M16*2.0	2	95	32	52	12.5	10	2.5P
M16*1.5	1.5	95	32	52	12.5	10	2.5P
M16*1.25	1.25	95	32	52	12.5	10	2.5P
M16*1.0	1	95	32	52	12.5	10	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YST615TC Spiral Fluted Tap TiCN



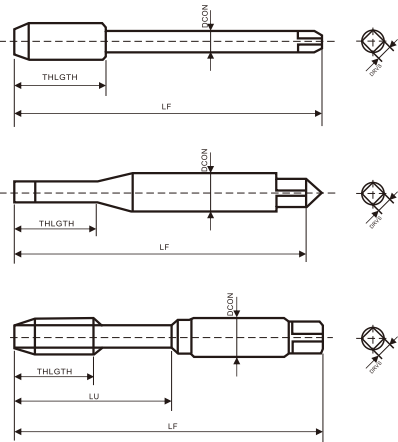
Technical Specification

UNC HSSE TiCN ISO 6H JIS

Thread size	PITCH	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
UNC 2-56	56	36	11	-	3	2.5	2.5P
UNC 4-40	40	44	7.7	17	3	2.5	2.5P
UNC 6-32	32	48	9.6	21	4	3.2	2.5P
UNC 8-32	32	48	9.6	21	5	4	2.5P
UNC 10-24	24	60	9.6	24	5.5	4	2.5P
UNC 12-24	24	60	12.7	25	5.5	4	2.5P
UNC 1/4-20	20	48	9	18	6	4.5	2.5P
UNC 5/16-18	18	70	17	37	6.1	5	2.5P
UNC 5/16-24	24	70	17	37	6.1	5	2.5P
UNC 3/8-16	16	75	19	41	7	5.5	2.5P
UNF 3/8-24	24	75	19	41	7	5.5	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
○	●	●	○	○					○	○	○		○	○	○	○	○	●	○	○	○			○

YST615PT Spiral Fluted Tap



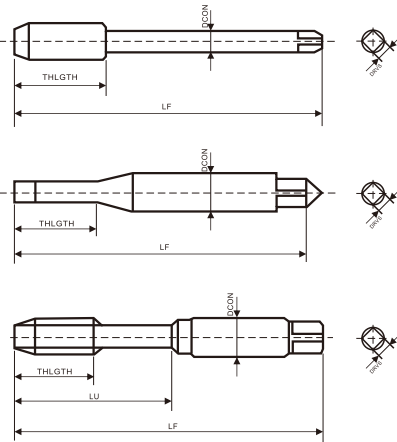
Technical Specification

M CPM TICN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1.0*0.25	0.25	37	4.5	-	3	2.5	2.5P
M1.2*0.25	0.25	37	5.5	-	3	2.5	2.5P
M1.4*0.3	0.3	37	6.5	-	3	2.5	2.5P
M1.6*0.35	0.35	37	8	-	3	2.5	2.5P
M2*0.4	0.4	45	11	-	3	2.5	2.5P
M2.5*0.45	0.45	45	12	-	3	2.5	2.5P
M3*0.5	0.5	50	5	18	4	3.2	2.5P
M3.5*0.6	0.6	50	6	19	4	3.2	2.5P
M4*0.7	0.7	57	9	20	5	4	2.5P
M5*0.8	0.8	66	8	25	5.5	4.5	2.5P
M6*1.0	1	69	12	24	6	4.5	2.5P
M7*1.0	1	78	13	23	6.2	5	2.5P
M8*1.25	1.25	70	13	36	6.2	5	2.5P
M8*1.0	1	70	13	36	6.2	5	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
●	●	●	●	●	○			●	○	●		●	○	○	○	○	○	○	○	○	○			

YST615PT Spiral Fluted Tap



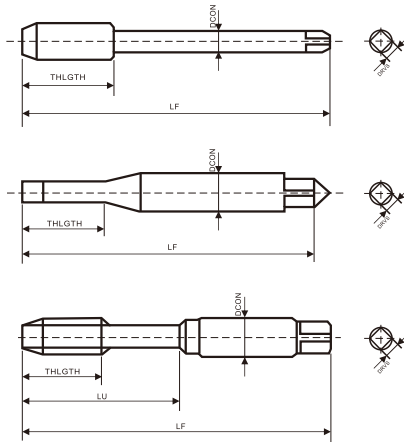
Technical Specification

M CPM TICN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M10*1.5	1.5	75	15	43	7	5.5	2.5P
M10*1.25	1.25	75	13	43	7	5.5	2.5P
M10*1.0	1	75	13	43	7	5.5	2.5P
M12*1.75	1.75	82	17	42	8.5	6.5	2.5P
M12*1.5	1.5	82	17	42	8.5	6.5	2.5P
M12*1.25	1.25	82	13	42	8.5	6.5	2.5P
M12*1.0	1	82	13	42	8.5	6.5	2.5P
M14*2.0	2	88	20	51	10.5	8	2.5P
M14*1.5	1.5	88	20	51	10.5	8	2.5P
M14*1.25	1.25	88	20	51	10.5	8	2.5P
M14*1.0	1	88	20	51	10.5	8	2.5P
M16*2.0	2	95	20	52	12.5	10	2.5P
M16*1.5	1.5	95	20	52	12.5	10	2.5P
M16*1.25	1.25	95	20	52	12.5	10	2.5P
M16*1.0	1	95	20	52	12.5	10	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
●	●	●	●	●	○	○	○	●	○	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○

## YST615AT Spiral Fluted Tap



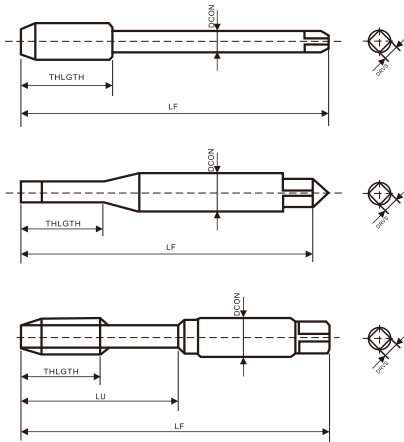
### Technical Specification

M HSSE Complex Coating ISO 6H

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M3*0.5	0.5	46	6	19	4	3.2	2.5P
M4*0.7	0.7	52	8.4	20	5	4	2.5P
M5*0.8	0.8	60	9.6	24	5.5	4.5	2.5P
M6*1.0	1	62	12	29	6	4.5	2.5P
M8*1.0	1	70	15	37	6.2	5	2.5P
M8*1.25	1.25	70	15	37	6.2	5	2.5P
M10*1.25	1.25	75	18	41	7	5.5	2.5P
M10*1.5	1.5	75	18	41	7	5.5	2.5P
M12*1.25	1.25	82	21	48	8.5	6.5	2.5P
M12*1.5	1.5	82	21	48	8.5	6.5	2.5P
M12*1.75	1.75	82	21	48	8.5	6.5	2.5P
M14*1.5	1.5	88	26	48	10.5	8	2.5P
M14*2.0	2	88	26	48	10.5	8	2.5P
M16*1.5	1.5	95	26	52	12.5	10	2.5P
M16*2.0	2	95	26	52	12.5	10	2.5P
M18*1.5	1.5	100	30	55	14	11	2.5P
M8*2.5	2.5	100	30	55	14	11	2.5P
M20*1.5	1.5	105	32	58	15	12	2.5P
M20*2.5	2.5	105	32	58	15	12	2.5P
M24*3.0	3	120	38	66	19	15	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
○	●	●	●	○				○	○	○	○	○	○	○	○	○	○	●	○

## YST655 Spiral Fluted Tap



### Technical Specification

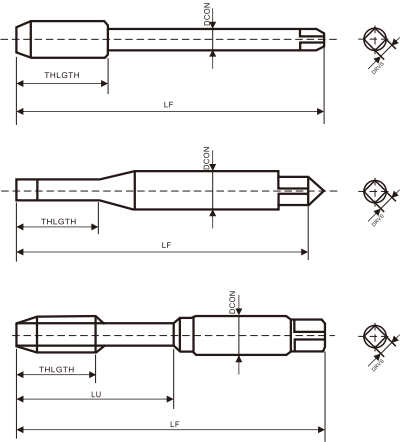
M Carbide Uncoated ISO 6H

TD	TP	LF	THLGTH	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	38	5	3	2.5	2.5P
M1.2*0.25	0.25	38	5	3	2.5	2.5P
M1.4*0.3	0.3	38	6	3	2.5	2.5P
M1.6*0.35	0.35	38	6	3	2.5	2.5P
M2*0.4	0.4	45	7	3	2.5	2.5P
M2.5*0.45	0.45	45	8	3	2.5	2.5P
M3*0.5	0.5	45	9	4	3.2	2.5P
M4*0.7	0.7	52	10	5	4	2.5P
M5*0.8	0.8	60	11	5.5	4.5	2.5P
M6*1.0	1	62	12	6	4.5	2.5P
M8*1.25	1.25	70	18	6.2	5	2.5P
M10*1.5	1.5	75	19	7	5.5	2.5P
M12*1.75	1.75	82	23	8.5	6.5	2.5P
M16*2.0	2	95	27	12.5	10	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YST655T Spiral Fluted Tap



Technical Specification

M

Carbide

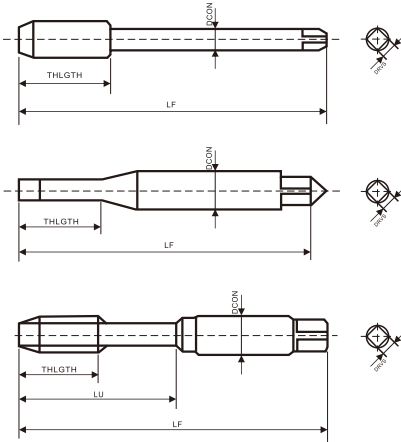
AlTiN

ISO 6H

TD	TP	LF	THLGTH	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	38	5	3	2.5	2.5P
M1.2*0.25	0.25	38	5	3	2.5	2.5P
M1.4*0.3	0.3	38	6	3	2.5	2.5P
M1.6*0.35	0.35	38	6	3	2.5	2.5P
M2*0.4	0.4	45	7	3	2.5	2.5P
M2.5*0.45	0.45	45	8	3	2.5	2.5P
M3*0.5	0.5	45	9	4	3.2	2.5P
M4*0.7	0.7	52	10	5	4	2.5P
M5*0.8	0.8	60	11	5.5	4.5	2.5P
M6*1.0	1	62	12	6	4.5	2.5P
M8*1.25	1.25	70	18	6.2	5	2.5P
M10*1.5	1.5	75	19	7	5.5	2.5P
M12*1.75	1.75	82	23	8.5	6.5	2.5P
M16*2.0	2	95	27	12.5	10	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
											●	●	●	●	●	●	●	●	●

YPT715 Spiral Point Taps



Technical Specification

M

HSSE

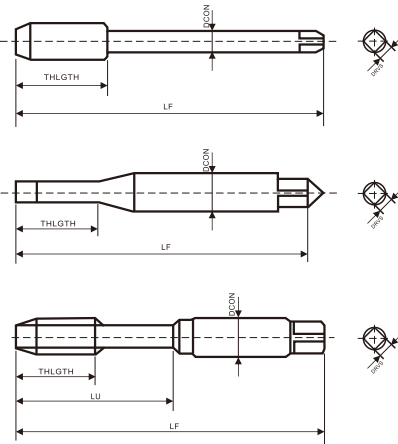
Uncoated

ISO 6H

TD	TP	LF	LU	THLGTH	DCON	DRVS	No. of Cutting Pitch
M2*0.4	0.4	40	10	15	3	2.5	5P
M2.5*0.45	0.45	40	10	16	3	2.5	5P
M3*0.5	0.5	46	11	19	4	3.2	5P
M4*0.7	0.7	52	13	20	5	4	5P
M5*0.8	0.8	60	16	24	5.5	4.5	5P
M6*1.0	1	62	19	29	6	4.5	5P
M8*1.0	1	70	22	37	6.2	5	5P
M8*1.25	1.25	70	22	37	6.2	5	5P
M10*1.0	1	75	24	41	7	5.5	5P
M10*1.25	1.25	75	24	41	7	5.5	5P
M10*1.5	1.5	75	24	41	7	5.5	5P
M12*1.25	1.25	82	29	48	8.5	6.5	5P
M12*1.5	1.5	82	29	48	8.5	6.5	5P
M12*1.75	1.75	82	29	48	8.5	6.5	5P
M14*1.5	1.5	88	30	48	10.5	8	5P
M14*2.0	2	88	30	48	10.5	8	5P
M16*1.5	1.5	95	32	52	12.5	10	5P
M16*2.0	2	95	32	52	12.5	10	5P
M18*1.5	1.5	100	37	55	14	11	5P
M18*2.5	2.5	100	37	55	14	11	5P
M20*1.5	1.5	105	38	58	15	12	5P
M20*2.0	2	105	38	58	15	12	5P
M20*2.5	2.5	105	38	58	15	12	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
	○	○	○									○	○	○	○	○	●	○	○

YPT715 Spiral Point Taps



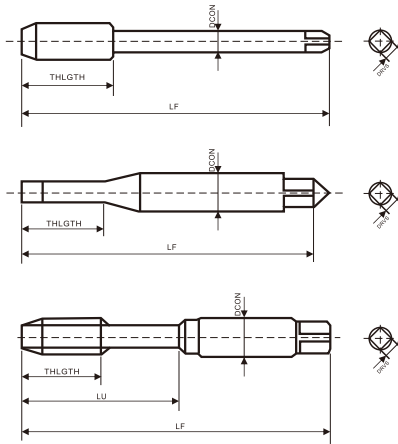
Technical Specification

UNC HSSE Uncoated ISO 6H JIS

TD	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
UNF0-80	36	10	-	3	2.5	5P
UNF1-72	36	11	-	3	2.5	5P
UNC2-56	36	11	-	3	2.5	5P
UNC4-40	42	13	-	3	2.5	5P
UNC6-32	44	14	-	3	2.5	5P
UNC8-32	44	15	-	3	2.5	5P
UNC12-24	46	9	18	4	3.2	5P
UNC10-32	48	9	18	4	3.2	5P
UNC1/4-20	48	9	18	4	3.2	2.
UNC5/16-18	52	10	20	5	4.5	5P
UNC5/16-24	60	11	22	5.5	5	5P
UNC3/8-16	60	11	22	5.5	5	5P
UNF3/8-24	60	11	22	5.5	5	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YPT715T Spiral Point Taps TiN



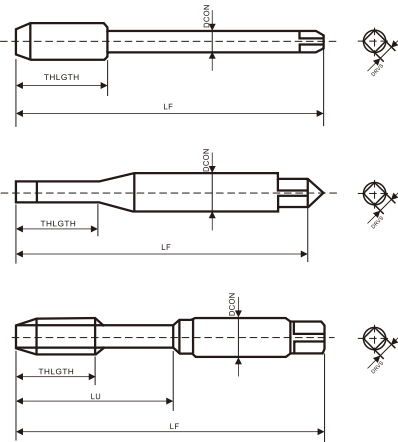
Technical Specification

M HSSE TIN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1.0*0.25	0.25	30	7	-	3	2.5	5P
M1.2*0.25	0.25	32	8	-	3	2.5	5P
M1.4*0.3	0.3	34	9	-	3	2.5	5P
M1.6*0.35	0.35	36	10	-	3	2.5	5P
M1.0*0.25*45	0.25	45	8	-	3	2.5	5P
M1.2*0.25*45	0.25	45	8	-	3	2.5	5P
M1.4*0.3*45	0.3	45	9	-	3	2.5	5P
M1.6*0.35*45	0.35	45	10	-	3	2.5	5P
M1.7*0.35	0.35	36	11	-	3	2.5	5P
M2*0.4	0.4	40	12	-	3	2.5	5P
M2.5*0.45	0.45	44	14	-	3	2.5	5P
M3*0.5	0.5	46	6	19	4	3.2	5P
M3.5*0.6	0.6	48	6	19	4	3.2	5P
M4*0.7	0.7	52	8.4	20	4	3.2	5P
M5*0.8	0.8	60	9.6	24	5.5	4	5P
M6*1.0	1	62	12	29	6	4.5	5P
M8*1.0	1	70	15	37	6.2	5	5P
M8*1.25	1.25	70	15	37	6.2	5	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YPT715T Spiral Point Taps TiN



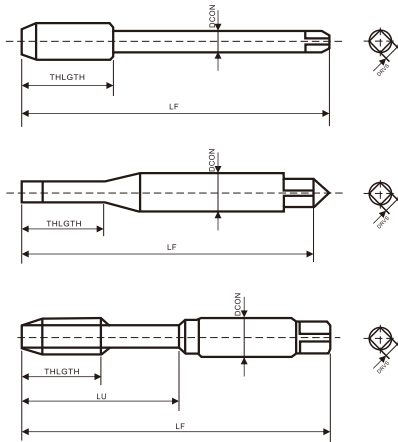
Technical Specification

M HSSE TIN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M10*1.0	1	75	18	41	7	5.5	5P
M10*1.25	1.25	75	18	41	7	5.5	5P
M10*1.5	1.5	75	18	41	7	5.5	5P
M12*1.25	1.25	82	18	41	7	5.5	5P
M12*1.5	1.5	82	21	48	8.5	6.5	5P
M12*1.75	1.75	82	21	48	8.5	6.5	5P
M14*2.0	2	88	30	48	10.5	8	5P
M14*1.5	1.5	88	30	48	10.5	8	5P
M14*1.25	1.25	88	30	48	10.5	8	5P
M14*1.0	1	88	30	48	10.5	8	5P
M16*2.0	2	95	32	52	12.5	10	5P
M16*1.5	1.5	95	32	52	12.5	10	5P
M16*1.25	1.25	95	32	52	12.5	10	5P
M16*1.0	1	95	32	52	12.5	10	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YPT715T Spiral Point Taps TiN



Technical Specification

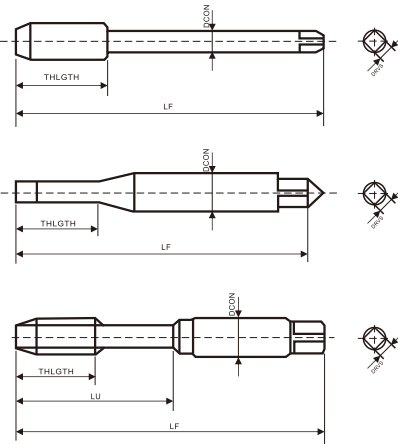
UNC HSSE TIN ISO 6H JIS

TD	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
UNF0-80	36	10	-	3	2.5	5P
UNF1-72	36	11	-	3	2.5	5P
UNC2-56	36	11	-	3	2.5	5P
UNC4-40	42	13	-	3	2.5	5P
UNC6-32	44	14	-	3	2.5	5P
UNC8-32	44	15	-	3	2.5	5P
UNC12-24	46	9	18	4	3.2	5P
UNC10-32	48	9	18	4	3.2	5P
UNC1/4-20	48	9	18	4	3.2	2.
UNC5/16-18	52	10	20	5	4.5	5P
UNC5/16-24	60	11	22	5.5	5	5P
UNC3/8-16	60	11	22	5.5	5	5P
UNF3/8-24	60	11	22	5.5	5	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YPT715TC Spiral Point Taps TiCN



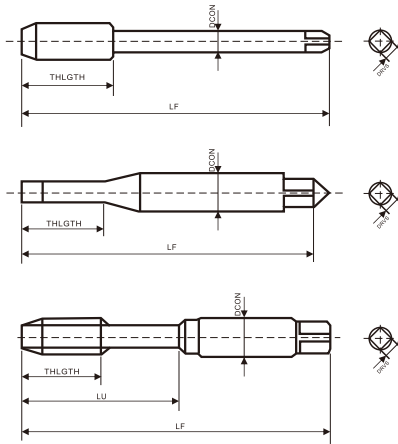
Technical Specification

M HSSE TICN ISO 6H JIS

TD	TP	LF	LU	THLGTH	DCON	DRVS	No. of Cutting Pitch
M1.0*0.25	0.25	30	-	7	3	2.5	5P
M1.2*0.25	0.25	32	-	8	3	2.5	5P
M1.4*0.3	0.3	34	-	9	3	2.5	5P
M1.6*0.35	0.35	36	-	10	3	2.5	5P
M1.0*0.25*45	0.25	45	-	8	3	2.5	5P
M1.2*0.25*45	0.25	45	-	8	3	2.5	5P
M1.4*0.3*45	0.3	45	-	9	3	2.5	5P
M1.6*0.35*45	0.35	45	-	10	3	2.5	5P
M1.7*0.35	0.35	36	-	11	3	2.5	5P
M2*0.4	0.4	40	-	12	3	2.5	5P
M2.5*0.45	0.45	44	-	14	3	2.5	5P
M3*0.5	0.5	46	19	6	4	3.2	5P
M3.5*0.6	0.6	48	19	6	4	3.2	5P
M4*0.7	0.7	52	20	8.4	4	3.2	5P
M5*0.8	0.8	60	24	9.6	5.5	4	5P
M6*1.0	1	62	29	12	6	4.5	5P
M8*1.0	1	70	37	15	6.2	5	5P
M8*1.25	1.25	70	37	15	6.2	5	5P
M10*1.0	1	75	41	18	7	5.5	5P
M10*1.25	1.25	75	41	18	7	5.5	5P
M10*1.5	1.5	75	41	18	7	5.5	5P
M12*1.25	1.25	82	41	18	7	5.5	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YPT715TC Spiral Point Taps TiCN



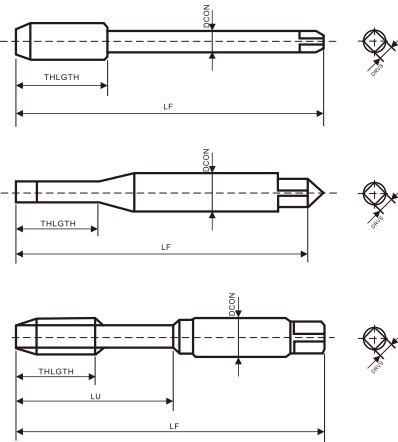
Technical Specification

M HSSE TICN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DRVS	DCON	No. of Cutting Pitch
M12*1.5	1.5	82	21	48	8.5	6.5	5P
M12*1.75	1.75	82	21	48	8.5	6.5	5P
M14*2.0	2	88	30	48	10.5	8	5P
M14*1.5	1.5	88	30	48	10.5	8	5P
M14*1.25	1.25	88	30	48	10.5	8	5P
M14*1.0	1	88	30	48	10.5	8	5P
M16*2.0	2	95	32	52	12.5	10	5P
M16*1.5	1.5	95	32	52	12.5	10	5P
M16*1.25	1.25	95	32	52	12.5	10	5P
M16*1.0	1	95	32	52	12.5	10	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YPT715TC Spiral Point Taps TiCN



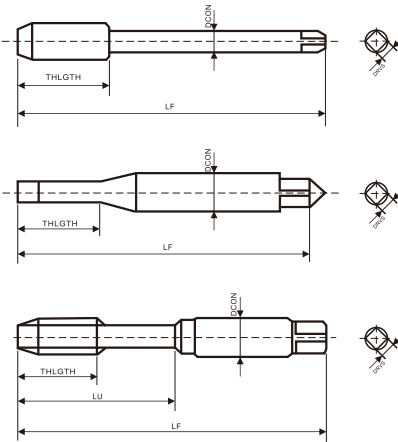
Technical Specification

UNC HSSE TiCN ISO 6H JIS

TD	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
UNF0-80	36	10	-	3	2.5	5P
UNF1-72	36	11	-	3	2.5	5P
UNC2-56	36	11	-	3	2.5	5P
UNC4-40	42	13	-	3	2.5	5P
UNC6-32	44	14	-	3	2.5	5P
UNC8-32	44	15	-	3	2.5	5P
UNC12-24	46	9	18	4	3.2	5P
UNC10-32	48	9	18	4	3.2	5P
UNC1/4-20	48	9	18	4	3.2	2.
UNC5/16-18	52	10	20	5	4.5	5P
UNC5/16-24	60	11	22	5.5	5	5P
UNC3/8-16	60	11	22	5.5	5	5P
UNF3/8-24	60	11	22	5.5	5	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BrC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YPT715PT Spiral Point Taps



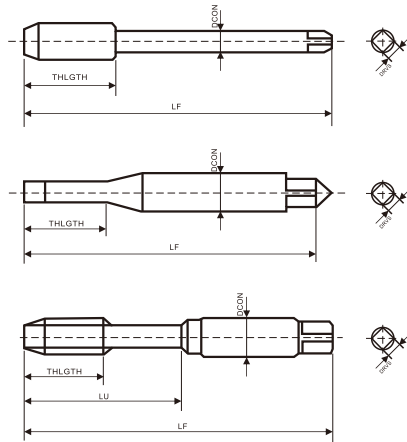
Technical Specification

M CPM TiCN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1.0*0.25	0.25	37	4.5	-	3	2.5	5P
M1.2*0.25	0.25	37	5.5	-	3	2.5	5P
M1.4*0.3	0.3	37	9	-	3	2.5	5P
M1.6*0.35	0.35	37	8	-	3	2.5	5P
M2*0.4	0.4	45	11	-	3	2.5	5P
M2.5*0.45	0.45	45	12	-	3	2.5	5P
M3*0.5	0.5	50	12	19	4	3.2	5P
M3.5*0.6	0.6	50	13	20	4	3.2	5P
M4*0.7	0.7	57	14	21	5	4	5P
M5*0.8	0.8	66	16	25	5.5	4.5	5P
M6*1.0	1	69	19.5	29	6	4.5	5P
M7*1.0	1	78	13	23	6.2	5	5P
M8*1.25	1.25	70	22	37	6.2	5	5P
M8*1.0	1	70	22	37	6.2	5	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Br	BrC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YPT715PT Spiral Point Taps



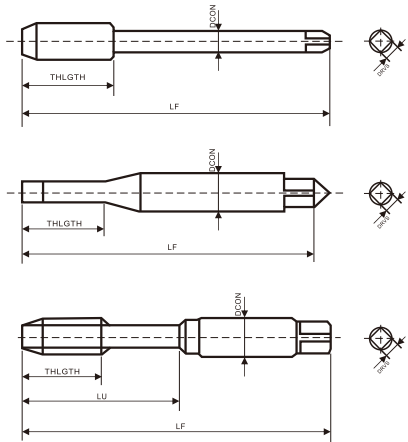
Technical Specification

M CPM TICN ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M10*1.5	1.5	75	24	43	7	5.5	5P
M10*1.25	1.25	75	24	43	7	5.5	5P
M10*1.0	1	75	24	43	7	5.5	5P
M12*1.75	1.75	82	29	46	8.5	6.5	5P
M12*1.5	1.5	82	29	46	8.5	6.5	5P
M12*1.25	1.25	82	29	46	8.5	6.5	5P
M12*1.0	1	82	29	46	8.5	6.5	5P
M14*2.0	2	88	20	51	10.5	8	5P
M14*1.5	1.5	88	20	51	10.5	8	5P
M14*1.25	1.25	88	20	51	10.5	8	5P
M14*1.0	1	88	20	51	10.5	8	5P
M16*2.0	2	95	20	52	12.5	10	5P
M16*1.5	1.5	95	20	52	12.5	10	5P
M16*1.25	1.25	95	20	52	12.5	10	5P
M16*1.0	1	95	20	52	12.5	10	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YPT715AT Spiral Point Taps



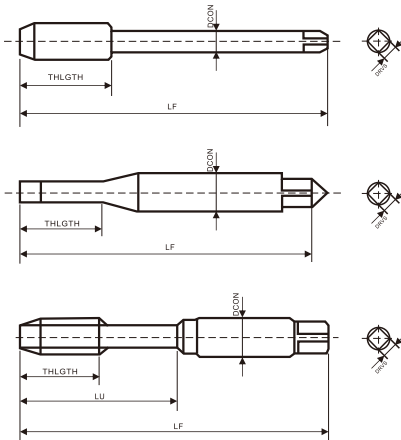
Technical Specification

M HSSE Complex Coating ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M3*0.5	0.5	46	10	19	4	3.2	5P
M4*0.7	0.7	52	12	20	5	4	5P
M5*0.8	0.8	60	14	24	5.5	4.5	5P
M6*1.0	1	62	16	28	6	4.5	5P
M8*1.0	1	70	17	37	6.2	5	5P
M8*1.25	1.25	70	17	37	6.2	5	5P
M10*1.0	1	75	20	41	7	5.5	5P
M10*1.25	1.25	75	20	41	7	5.5	5P
M10*1.5	1.5	75	20	41	7	5.5	5P
M12*1.25	1.25	82	24	48	8.5	6.5	5P
M12*1.5	1.5	82	24	48	8.5	6.5	5P
M12*1.75	1.75	82	24	48	8.5	6.5	5P
M14*1.5	1.5	88	26	48	10.5	8	5P
M14*2.0	2	88	26	48	10.5	8	5P
M16*1.5	1.5	95	26	52	12.5	10	5P
M16*2.0	2	95	26	52	12.5	10	5P
M18*1.5	1.5	100	30	55	14	11	5P
M18*2.5	2.5	100	30	55	14	11	5P
M20*1.5	1.5	105	32	58	15	12	5P
M20*2.0	2	105	32	58	15	12	5P
M20*2.5	2.5	105	32	58	15	12	5P
M24*3.0	3	120	45	66	19	15	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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## YNT815 Forming Taps



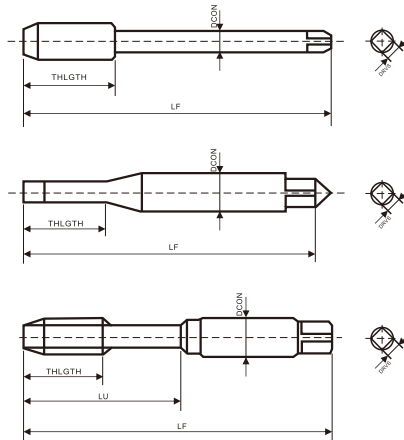
### Technical Specification

M HSSE Uncoated ISO 6H   JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	30	7	-	3	2.5	2P
M1*0.2	0.2	30	7	-	3	2.5	2P
M1.2*0.25	0.25	32	8	-	3	2.5	2P
M1.2*0.2	0.2	32	8	-	3	2.5	2P
M1.4*0.3	0.3	34	9	-	3	2.5	2P
M1.4*0.2	0.2	34	9	-	3	2.5	2P
M1.6*0.35	0.35	36	10	-	3	2.5	2P
M1.6*0.2	0.2	36	10	-	3	2.5	2P
M1.7*0.35	0.35	36	10	-	3	2.5	2P
M1.8*0.35	0.35	36	10	-	3	2.5	2P
M1.8*0.2	0.2	36	10	-	3	2.5	2P
M2*0.4	0.4	40	12	-	3	2.5	2P
M2*0.25	0.25	40	12	-	3	2.5	2P
M2.2*0.45	0.45	40	12	-	3	2.5	2P
M2.3*0.4	0.4	40	12	-	3	2.5	2P
M2.5*0.45	0.45	44	14	-	3	2.5	2P
M2.6*0.45	0.45	44	14	-	3	2.5	2P
M2.5*0.35	0.35	44	14	-	3	2.5	2P
M3*0.5	0.5	46	9	18	4	3.2	2P
M3*0.35	0.35	46	9	18	4	3.2	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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## YNT815 Forming Taps



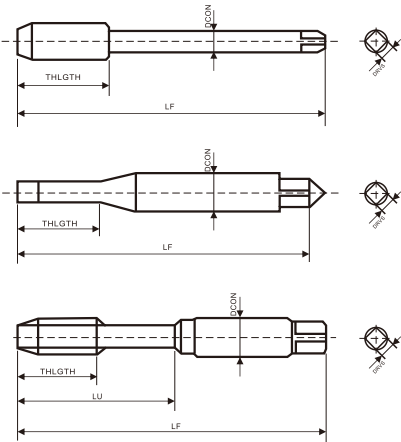
### Technical Specification

M HSSE Uncoated ISO 6H   JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M3.5*0.6	0.6	48	9	18	4	3.2	2P
M3.5*0.35	0.35	48	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M4*0.5	0.5	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M5*0.5	0.5	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M6*0.75	0.75	62	12	24	6	4.5	2P
M6*0.5	0.5	62	12	24	6	4.5	2P
M7*1.0	1	65	13	26	6.2	5	2P
M7*0.75	0.75	65	13	26	6.2	5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M8*1.0	1	70	18	-	6.2	5	2P
M8*0.75	0.75	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M10*1.25	1.25	75	19	-	7	5.5	2P
M10*1.0	1	75	19	-	7	5.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	○	○	○									○	○	○	○	○	●	○	○

YNT815 Forming Taps



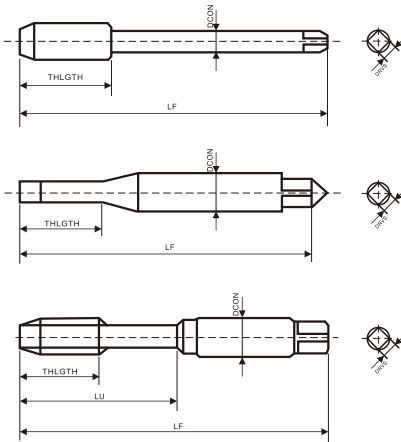
Technical Specification

M HSSE Uncoated ISO 6H JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M12*1.5	1.5	82	23	-	8.5	6.5	2P
M12*1.25	1.25	82	23	-	8.5	6.5	2P
M12*1.0	1	82	23	-	8.5	6.5	2P
M14*2.0	2	88	25	-	10.5	8	2P
M14*1.5	1.5	88	25	-	10.5	8	2P
M14*1.25	1.25	88	25	-	10.5	8	2P
M14*1.0	1	88	25	-	10.5	8	2P
M16*2.0	2	95	27	-	12.5	10	2P
M16*1.5	1.5	95	27	-	12.5	10	2P
M16*1.25	1.25	95	27	-	12.5	10	2P
M16*1.0	1	95	27	-	12.5	10	2P
M2*0.4*100L	0.4	100	14	-	3	2.5	2P
M2.5*0.45*100L	0.45	100	14	-	3	2.5	2P
M3*0.5*100L	0.5	100	9	18	4	3.2	2P
M4*0.7*100L	0.7	100	10	20	5	4	2P
M5*0.8*100L	0.8	100	11	22	5.5	4.5	2P
M6*1.0*100L	1	100	12	24	6	4.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YNT815 Forming Taps



Technical Specification

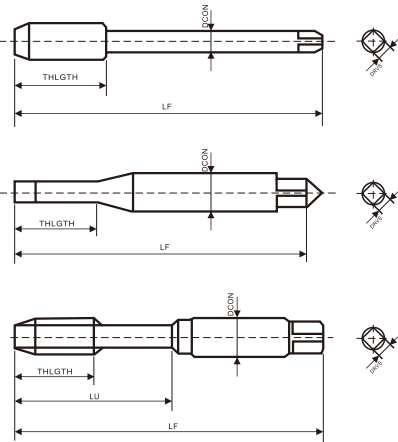
UNC HSSE Uncoated ISO 6H JIS

TD	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
0-80 UNF	36	10	-	3	2.5	2P
1-64 UNC	36	11	-	3	2.5	2P
1-72 UNF	36	11	-	3	2.5	2P
2-56 UNC	42	13	-	3	2.5	2P
3-48 UNC	44	14	-	3	2.5	2P
4-40 UNC	44	15	-	3	2.5	2P
5-40 UNC	46	9	18	4	3.2	2P
6-32 UNC	48	9	18	4	3.2	2P
6-40 UNF	48	9	18	4	3.2	2P
8-32 UNC	52	10	20	5	4.5	2P
10-24 UNC	60	11	22	5.5	5	2P
10-32 UNF	60	11	22	5.5	5	2P
12-24 UNC	60	11	22	5.5	5	2P
12-32 UNF	60	11	22	5.5	5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YNT815T Forming Taps TiN



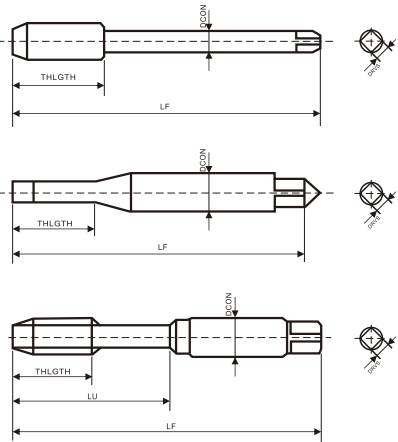
Technical Specification



TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	30	7	-	3	2.5	2P
M1*0.2	0.2	30	7	-	3	2.5	2P
M1.2*0.25	0.25	32	8	-	3	2.5	2P
M1.2*0.2	0.2	32	8	-	3	2.5	2P
M1.4*0.3	0.3	34	9	-	3	2.5	2P
M1.4*0.2	0.2	34	9	-	3	2.5	2P
M1.6*0.35	0.35	36	10	-	3	2.5	2P
M1.6*0.2	0.2	36	10	-	3	2.5	2P
M1.7*0.35	0.35	36	10	-	3	2.5	2P
M1.8*0.35	0.35	36	10	-	3	2.5	2P
M1.8*0.2	0.2	36	10	-	3	2.5	2P
M2*0.4	0.4	40	12	-	3	2.5	2P
M2*0.25	0.25	40	12	-	3	2.5	2P
M2.2*0.45	0.45	40	12	-	3	2.5	2P
M2.3*0.4	0.4	40	12	-	3	2.5	2P
M2.5*0.45	0.45	44	14	-	3	2.5	2P
M2.6*0.45	0.45	44	14	-	3	2.5	2P
M2.5*0.35	0.35	44	14	-	3	2.5	2P
M3*0.5	0.5	46	9	18	4	3.2	2P
M3*0.35	0.35	46	9	18	4	3.2	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YNT815T Forming Taps TiN



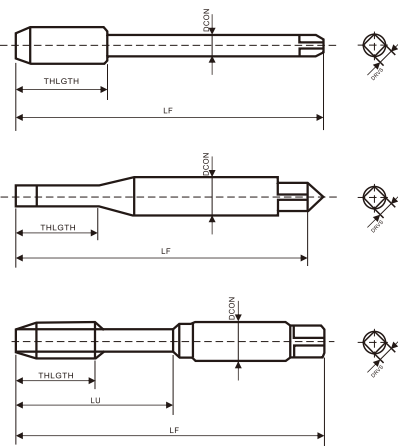
Technical Specification



TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M3.5*0.6	0.6	48	9	18	4	3.2	2P
M3.5*0.35	0.35	48	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M4*0.5	0.5	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M5*0.5	0.5	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M6*0.75	0.75	62	12	24	6	4.5	2P
M6*0.5	0.5	62	12	24	6	4.5	2P
M7*1.0	1	65	13	26	6.2	5	2P
M7*0.75	0.75	65	13	26	6.2	5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M8*1.0	1	70	18	-	6.2	5	2P
M8*0.75	0.75	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M10*1.25	1.25	75	19	-	7	5.5	2P
M10*1.0	1	75	19	-	7	5.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YNT815T Forming Taps TiN



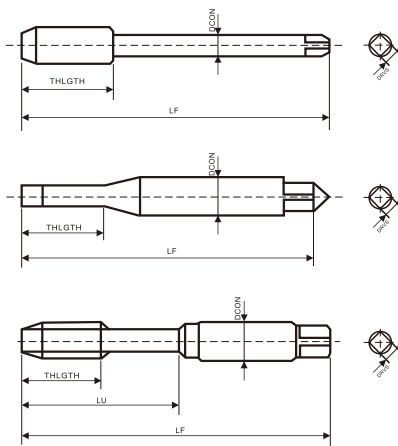
Technical Specification

M HSSE TIN ISO 6H

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M12*1.5	1.5	82	23	-	8.5	6.5	2P
M12*1.25	1.25	82	23	-	8.5	6.5	2P
M12*1.0	1	82	23	-	8.5	6.5	2P
M14*2.0	2	88	25	-	10.5	8	2P
M14*1.5	1.5	88	25	-	10.5	8	2P
M14*1.25	1.25	88	25	-	10.5	8	2P
M14*1.0	1	88	25	-	10.5	8	2P
M16*2.0	2	95	27	-	12.5	10	2P
M16*1.5	1.5	95	27	-	12.5	10	2P
M16*1.25	1.25	95	27	-	12.5	10	2P
M16*1.0	1	95	27	-	12.5	10	2P
M2*0.4*100L	0.4	100	14	-	3	2.5	2P
M2.5*0.45*100L	0.45	100	14	-	3	2.5	2P
M3*0.5*100L	0.5	100	9	18	4	3.2	2P
M4*0.7*100L	0.7	100	10	20	5	4	2P
M5*0.8*100L	0.8	100	11	22	5.5	4.5	2P
M6*1.0*100L	1	100	12	24	6	4.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
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YNT815T Forming Taps TiN



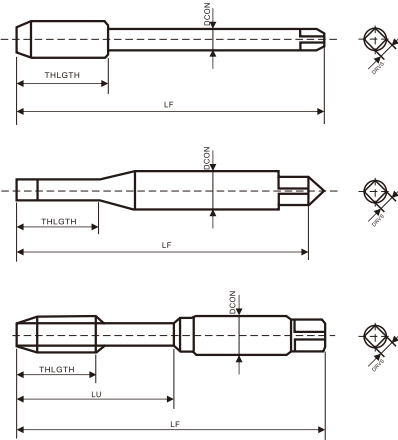
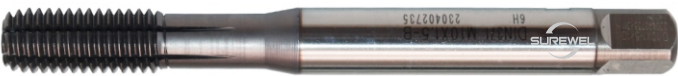
Technical Specification

UNC HSSE TIN ISO 6H

TD	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
0-80 UNF	36	10	-	3	2.5	2P
1-64 UNC	36	11	-	3	2.5	2P
1-72 UNF	36	11	-	3	2.5	2P
2-56 UNC	42	13	-	3	2.5	2P
3-48 UNC	44	14	-	3	2.5	2P
4-40 UNC	44	15	-	3	2.5	2P
5-40 UNC	46	9	18	4	3.2	2P
6-32 UNC	48	9	18	4	3.2	2P
6-40 UNF	48	9	18	4	3.2	2P
8-32 UNC	52	10	20	5	4.5	2P
10-24 UNC	60	11	22	5.5	5	2P
10-32 UNF	60	11	22	5.5	5	2P
12-24 UNC	60	11	22	5.5	5	2P
12-32 UNF	60	11	22	5.5	5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
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YNT815TC Forming Taps TiCN



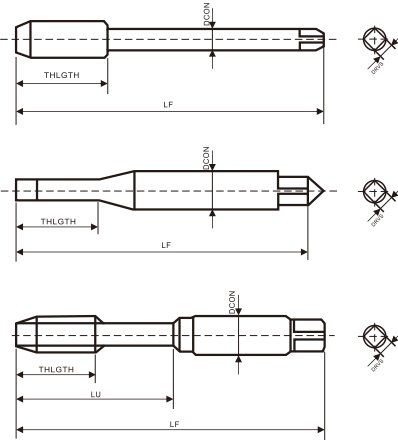
Technical Specification

M HSSE TiCN ISO 6H

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	30	7	-	3	2.5	2P
M1*0.2	0.2	30	7	-	3	2.5	2P
M1.2*0.25	0.25	32	8	-	3	2.5	2P
M1.2*0.2	0.2	32	8	-	3	2.5	2P
M1.4*0.3	0.3	34	9	-	3	2.5	2P
M1.4*0.2	0.2	34	9	-	3	2.5	2P
M1.6*0.35	0.35	36	10	-	3	2.5	2P
M1.6*0.2	0.2	36	10	-	3	2.5	2P
M1.7*0.35	0.35	36	10	-	3	2.5	2P
M1.8*0.35	0.35	36	10	-	3	2.5	2P
M1.8*0.2	0.2	36	10	-	3	2.5	2P
M2*0.4	0.4	40	12	-	3	2.5	2P
M2*0.25	0.25	40	12	-	3	2.5	2P
M2.2*0.45	0.45	40	12	-	3	2.5	2P
M2.3*0.4	0.4	40	12	-	3	2.5	2P
M2.5*0.45	0.45	44	14	-	3	2.5	2P
M2.6*0.45	0.45	44	14	-	3	2.5	2P
M2.5*0.35	0.35	44	14	-	3	2.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
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YNT815TC Forming Taps TiCN



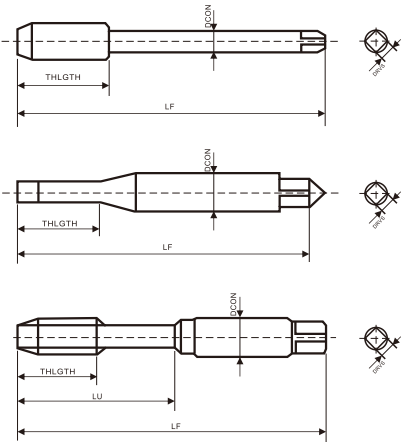
Technical Specification

M HSSE TiCN ISO 6H

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M3*0.5	0.5	46	9	18	4	3.2	2P
M3*0.35	0.35	46	9	18	4	3.2	2P
M3.5*0.6	0.6	48	9	18	4	3.2	2P
M3.5*0.35	0.35	48	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M4*0.5	0.5	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M5*0.5	0.5	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M6*0.75	0.75	62	12	24	6	4.5	2P
M6*0.5	0.5	62	12	24	6	4.5	2P
M7*1.0	1	65	13	26	6.2	5	2P
M7*0.75	0.75	65	13	26	6.2	5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M8*1.0	1	70	18	-	6.2	5	2P
M8*0.75	0.75	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M10*1.25	1.25	75	19	-	7	5.5	2P
M10*1.0	1	75	19	-	7	5.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
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YNT815TC Forming Taps TiCN



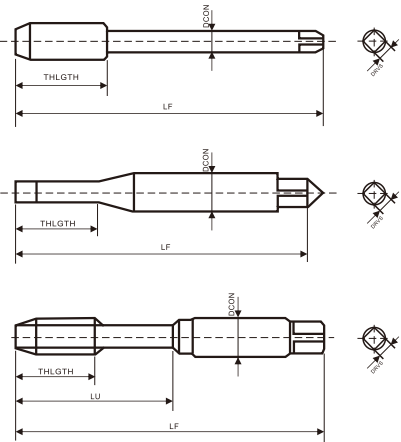
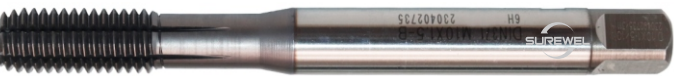
Technical Specification



TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M12*1.5	1.5	82	23	-	8.5	6.5	2P
M12*1.25	1.25	82	23	-	8.5	6.5	2P
M12*1.0	1	82	23	-	8.5	6.5	2P
M14*2.0	2	88	25	-	10.5	8	2P
M14*1.5	1.5	88	25	-	10.5	8	2P
M14*1.25	1.25	88	25	-	10.5	8	2P
M14*1.0	1	88	25	-	10.5	8	2P
M16*2.0	2	95	27	-	12.5	10	2P
M16*1.5	1.5	95	27	-	12.5	10	2P
M16*1.25	1.25	95	27	-	12.5	10	2P
M16*1.0	1	95	27	-	12.5	10	2P
M2*0.4*100L	0.4	100	14	-	3	2.5	2P
M2.5*0.45*100L	0.45	100	14	-	3	2.5	2P
M3*0.5*100L	0.5	100	9	18	4	3.2	2P
M4*0.7*100L	0.7	100	10	20	5	4	2P
M5*0.8*100L	0.8	100	11	22	5.5	4.5	2P
M6*1.0*100L	1	100	12	24	6	4.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
●	●	○	○					●					●	●	●		●	●		●			

YNT815TC Forming Taps TiCN



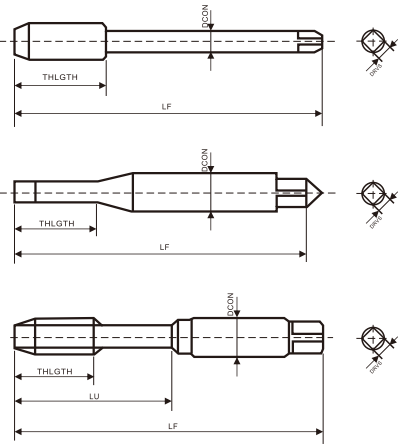
Technical Specification



TD	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
0-80 UNF	36	10	-	3	2.5	2P
1-64 UNC	36	11	-	3	2.5	2P
1-72 UNF	36	11	-	3	2.5	2P
2-56 UNC	42	13	-	3	2.5	2P
3-48 UNC	44	14	-	3	2.5	2P
4-40 UNC	44	15	-	3	2.5	2P
5-40 UNC	46	9	18	4	3.2	2P
6-32 UNC	48	9	18	4	3.2	2P
6-40 UNF	48	9	18	4	3.2	2P
8-32 UNC	52	10	20	5	4.5	2P
10-24 UNC	60	11	22	5.5	5	2P
10-32 UNF	60	11	22	5.5	5	2P
12-24 UNC	60	11	22	5.5	5	2P
12-32 UNF	60	11	22	5.5	5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YNT815PT Forming Taps



Technical Specification

M

CPM

TICN

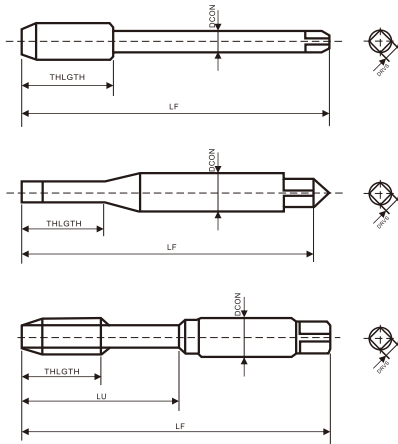
ISO 6H

JIS

TD	TP	LF	THLGTH	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	30	7	3	2.5	2P
M1.2*0.25	0.25	32	8	3	2.5	2P
M1.4*0.3	0.3	34	9	3	2.5	2P
M1.6*0.35	0.35	36	10	3	2.5	2P
M2*0.4	0.4	40	12	3	2.5	2P
M2.5*0.45	0.45	44	14	3	2.5	2P
M3*0.5	0.5	46	9	4	3.2	2P
M4*0.7	0.7	52	10	5	4	2P
M5*0.8	0.8	60	11	5.5	4.5	2P
M6*1.0	1	62	12	6	4.5	2P
M8*1.25	1.25	70	18	6.2	5	2P
M10*1.5	1.5	75	19	7	5.5	2P
M12*1.75	1.75	82	23	8.5	6.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YNT855 Forming Taps



Technical Specification

M

Carbide

Uncoated

ISO 6H

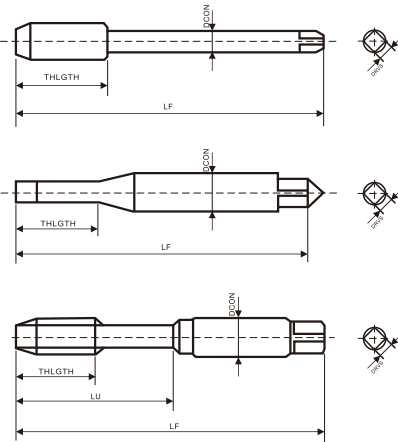
JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	38	5	-	3	2.5	2P
M1.2*0.25	0.25	38	5	-	3	2.5	2P
M1.4*0.3	0.3	38	6	-	3	2.5	2P
M1.6*0.35	0.35	38	6	-	3	2.5	2P
M2*0.4	0.4	45	7	-	3	2.5	2P
M2.5*0.45	0.45	45	8	-	3	2.5	2P
M3*0.5	0.5	45	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M16*2.0	2	95	27	-	12.5	10	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
											●	○		○	○	●		●	○	●			●



YNT855T Forming Taps



Technical Specification

M

Carbide

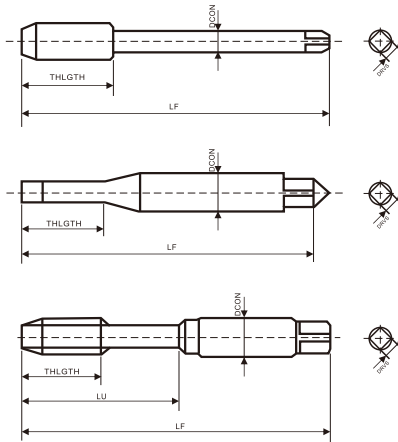
AlTiN

ISO 6H

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	38	5	-	3	2.5	2P
M1.2*0.25	0.25	38	5	-	3	2.5	2P
M1.4*0.3	0.3	38	6	-	3	2.5	2P
M1.6*0.35	0.35	38	6	-	3	2.5	2P
M2*0.4	0.4	45	7	-	3	2.5	2P
M2.5*0.45	0.45	45	8	-	3	2.5	2P
M3*0.5	0.5	45	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M16*2.0	2	95	27	-	12.5	10	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
											●	●		●	●	○		○	○

YHT955 Straight Fluted Tap



Technical Specification

M

Carbide

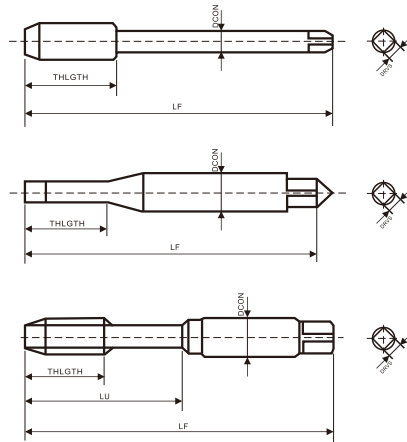
Uncoated

ISO 6H

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	38	5	-	3	2.5	2P
M1.2*0.25	0.25	38	5	-	3	2.5	2P
M1.4*0.3	0.3	38	6	-	3	2.5	2P
M1.6*0.35	0.35	38	6	-	3	2.5	2P
M2*0.4	0.4	45	7	-	3	2.5	2P
M2.5*0.45	0.45	45	8	-	3	2.5	2P
M3*0.5	0.5	45	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M16*2.0	2	95	27	-	12.5	10	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
											●	○		○	○	●		●	○

YHT955T Straight Fluted Tap



Technical Specification

M

Carbide

AlTiN

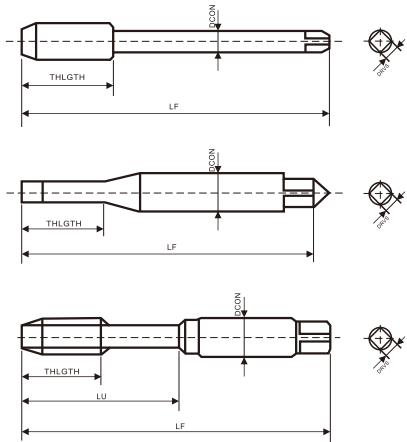
ISO 6H

JIS

TD	TP	LF	THLGTH	LU	DCON	DRVS	No. of Cutting Pitch
M1*0.25	0.25	38	5	-	3	2.5	2P
M1.2*0.25	0.25	38	5	-	3	2.5	2P
M1.4*0.3	0.3	38	6	-	3	2.5	2P
M1.6*0.35	0.35	38	6	-	3	2.5	2P
M2*0.4	0.4	45	7	-	3	2.5	2P
M2.5*0.45	0.45	45	8	-	3	2.5	2P
M3*0.5	0.5	45	9	18	4	3.2	2P
M4*0.7	0.7	52	10	20	5	4	2P
M5*0.8	0.8	60	11	22	5.5	4.5	2P
M6*1.0	1	62	12	24	6	4.5	2P
M8*1.25	1.25	70	18	-	6.2	5	2P
M10*1.5	1.5	75	19	-	7	5.5	2P
M12*1.75	1.75	82	23	-	8.5	6.5	2P
M16*2.0	2	95	27	-	12.5	10	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○

YST625 Spiral Fluted Tap



Technical Specification

M

HSSE

Uncoated

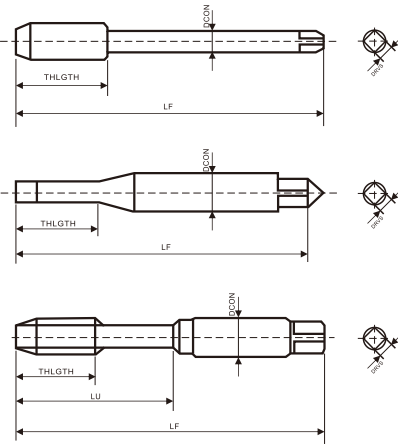
ISO 6H

DIN

TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M2*0.4	0.4	45	-	8	2.8	2.1	2	371	2.5P
M2.5*0.45	0.45	50	-	10	2.8	2.1	2	371	2.5P
M3*0.5	0.5	56	-	12	3.5	2.7	3	371	2.5P
M4*0.7	0.7	63	-	16	4.5	3.4	3	371	2.5P
M5*0.8	0.8	70	-	20	6	4.9	3	371	2.5P
M6*1.0	1	80	-	24	6	4.9	3	371	2.5P
M8*1.25	1.25	90	-	35	8	6.2	3	371	2.5P
M10*1.5	1.5	100	-	39	10	8	4	371	2.5P
M3*0.5	0.5	56	5	-	2.2	-	3	376	2.5P
M4*0.7	0.7	63	7	-	2.8	2.1	3	376	2.5P
M5*0.8	0.8	70	8	-	3.5	2.7	3	376	2.5P
M6*1.0	1	80	10	-	4.5	3.4	3	376	2.5P
M8*1.25	1.25	90	11	-	6	4.9	3	376	2.5P
M10*1.5	1.5	100	14	-	7	5.5	4	376	2.5P
M12*1.75	1.75	110	16	-	9	7	4	376	2.5P
M14*2.0	2	110	18	-	11	9	4	376	2.5P
M16*2.0	2	110	18	-	12	9	4	376	2.5P
M18*2.5	2.5	125	23	-	14	11	4	376	2.5P
M20*2.5	2.5	140	23	-	16	12	4	376	2.5P
M22*2.5	2.5	140	23	-	18	14.5	4	376	2.5P
M24*3.0	3	160	27	-	18	14.5	4	376	2.5P
M27*3.0	3	160	27	-	20	16	4	376	2.5P
M30*3.5	3.5	180	32	-	22	18	4	376	2.5P
M36*4.0	4	200	36	-	28	22	4	376	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST625 Spiral Fluted Tap



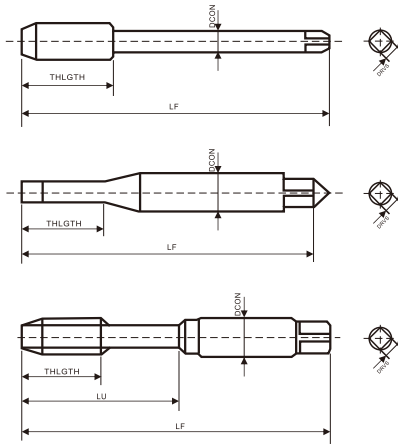
Technical Specification

UNC HSSE Uncoated ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNC2-56	56	45	3.6	9	2.8	2.1	2	2184-1
UNC3-48	48	50	3.6	9	2.8	2.1	2	2184-1
UNC4-40	40	56	11	18	3.5	2.7	2	2184-1
UNC5-40	40	56	11	18	3.5	2.7	3	2184-1
UNC6-32	32	56	12	20	4	3	3	2184-1
UNC8-32	32	63	13	21	4.5	3.4	3	2184-1
UNC10-24	24	70	16	25	6	4.9	3	2184-1
UNC12-24	24	80	17	30	6	4.9	3	2184-1
UNC1/4-20	20	80	19	30	7	5.5	3	2184-1
UNC5/16-18	18	90	22	35	8	6.2	3	2184-1
UNC3/8-16	16	100	24	39	10	8	3	2184-1
UNC7/16-14	14	100	14.5	-	8	6.2	3	2184-1
UNC1/2-13	13	110	15.6	-	9	7	3	2184-1
UNC9/16-12	12	110	16.9	-	11	9	3	2184-1
UNC5/8-11	11	110	18.5	-	12	9	3	2184-1
UNC3/4-10	10	125	25.4	-	14	11	3	2184-1
UNC7/8-9	9	140	28.2	-	18	14.5	3	2184-1
UNC1-8	8	160	31.2	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST625 Spiral Fluted Tap



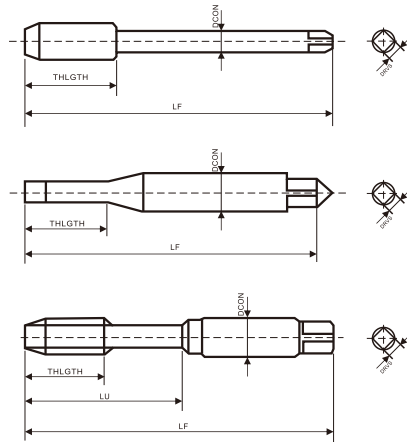
Technical Specification

UNF HSSE Uncoated ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNF3-56	56	50	6	9	2.8	2.1	2	2184-1
UNF4-48	48	56	11	18	3.5	2.7	2	2184-1
UNF5-44	44	56	11	18	3.5	2.7	3	2184-1
UNF6-40	40	56	12	20	4	3	3	2184-1
UNF8-36	36	63	13	21	4.5	3.4	3	2184-1
UNF10-32	32	70	16	25	6	4.9	3	2184-1
UNF12-28	28	80	17	30	6	4.9	3	2184-1
UNF1/4-28	28	80	19	30	7	5.5	3	2184-1
UNF5/16-24	24	90	22	35	8	6.2	3	2184-1
UNF3/8-24	24	90	20	35	10	8	3	2184-1
UNF7/16-20	20	100	24	-	8	6.2	3	2184-1
UNF1/2-20	20	100	22	-	9	7	3	2184-1
UNF9/16-18	18	100	22	-	11	9	3	2184-1
UNF5/8-18	18	100	22	-	12	9	3	2184-1
UNF3/4-16	16	110	25	-	14	11	3	2184-1
UNF7/8-14	14	125	25	-	18	14.5	3	2184-1
UNF1-12	12	140	28	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST625T Spiral Fluted Taps TiN



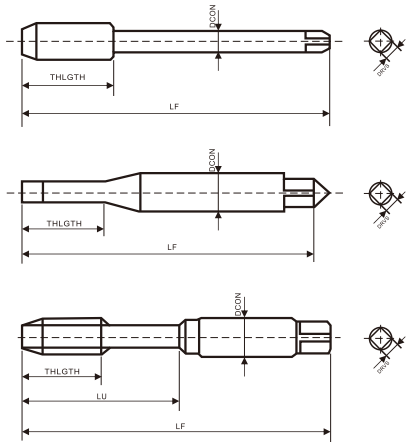
Technical Specification



No.	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M2*0.4	2	0.4	45	-	8	2.8	2.1	2	371	2.5P
M2.5*0.45	2.5	0.45	50	-	10	2.8	2.1	2	371	2.5P
M3*0.5	3	0.5	56	-	12	3.5	2.7	3	371	2.5P
M4*0.7	4	0.7	63	-	16	4.5	3.4	3	371	2.5P
M5*0.8	5	0.8	70	-	20	6	4.9	3	371	2.5P
M6*1.0	6	1	80	-	24	6	4.9	3	371	2.5P
M8*1.25	8	1.25	90	-	35	8	6.2	3	371	2.5P
M10*1.5	10	1.5	100	-	39	10	8	4	371	2.5P
M3*0.5	3	0.5	56	5	-	2.2	-	3	376	2.5P
M4*0.7	4	0.7	63	7	-	2.8	2.1	3	376	2.5P
M5*0.8	5	0.8	70	8	-	3.5	2.7	3	376	2.5P
M6*1.0	6	1	80	10	-	4.5	3.4	3	376	2.5P
M8*1.25	8	1.25	90	11	-	6	4.9	3	376	2.5P
M10*1.5	10	1.5	100	14	-	7	5.5	4	376	2.5P
M12*1.75	12	1.75	110	16	-	9	7	4	376	2.5P
M14*2.0	14	2	110	18	-	11	9	4	376	2.5P
M16*2.0	16	2	110	18	-	12	9	4	376	2.5P
M18*2.5	18	2.5	125	23	-	14	11	4	376	2.5P
M20*2.5	20	2.5	140	23	-	16	12	4	376	2.5P
M22*2.5	22	2.5	140	23	-	18	14.5	4	376	2.5P
M24*3.0	24	3	160	27	-	18	14.5	4	376	2.5P
M27*3.0	27	3	160	27	-	20	16	4	376	2.5P
M30*3.5	30	3.5	180	32	-	22	18	4	376	2.5P
M36*4.0	36	4	200	36	-	28	22	4	376	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
●	●	●	○	○	○	○	○	●	●	●	○	○	●	○	○	○	○	○	○

YST625T Spiral Fluted Taps TiN



Technical Specification

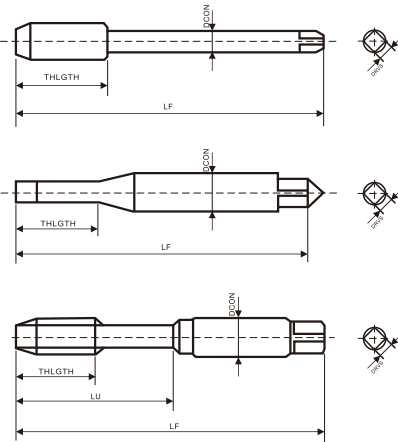


Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNC2-56	56	45	3.6	9	2.8	2.1	2	2184-1
UNC3-48	48	50	3.6	9	2.8	2.1	2	2184-1
UNC4-40	40	56	11	18	3.5	2.7	2	2184-1
UNC5-40	40	56	11	18	3.5	2.7	3	2184-1
UNC6-32	32	56	12	20	4	3	3	2184-1
UNC8-32	32	63	13	21	4.5	3.4	3	2184-1
UNC10-24	24	70	16	25	6	4.9	3	2184-1
UNC12-24	24	80	17	30	6	4.9	3	2184-1
UNC1/4-20	20	80	19	30	7	5.5	3	2184-1
UNC5/16-18	18	90	22	35	8	6.2	3	2184-1
UNC3/8-16	16	100	24	39	10	8	3	2184-1
UNC7/16-14	14	100	14.5	-	8	6.2	3	2184-1
UNC1/2-13	13	110	15.6	-	9	7	3	2184-1
UNC9/16-12	12	110	16.9	-	11	9	3	2184-1
UNC5/8-11	11	110	18.5	-	12	9	3	2184-1
UNC3/4-10	10	125	25.4	-	14	11	3	2184-1
UNC7/8-9	9	140	28.2	-	18	14.5	3	2184-1
UNC1-8	8	160	31.2	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
●	●	●	○	○	○	○	○	●	●	●	○	○	●	○	○	○	○	○	○



YST625T Spiral Fluted Taps TiN



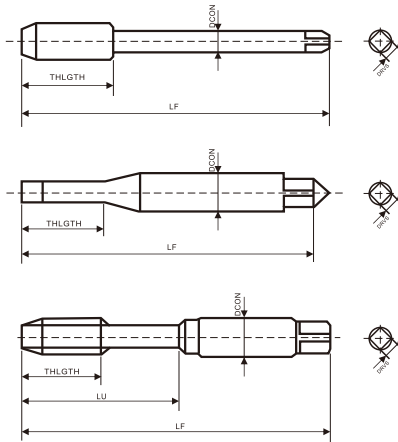
Technical Specification

UNF HSSE TIN ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNF3-56	56	50	6	9	2.8	2.1	2	2184-1
UNF4-48	48	56	11	18	3.5	2.7	2	2184-1
UNF5-44	44	56	11	18	3.5	2.7	3	2184-1
UNF6-40	40	56	12	20	4	3	3	2184-1
UNF8-36	36	63	13	21	4.5	3.4	3	2184-1
UNF10-32	32	70	16	25	6	4.9	3	2184-1
UNF12-28	28	80	17	30	6	4.9	3	2184-1
UNF1/4-28	28	80	19	30	7	5.5	3	2184-1
UNF5/16-24	24	90	22	35	8	6.2	3	2184-1
UNF3/8-24	24	90	20	35	10	8	3	2184-1
UNF7/16-20	20	100	24	-	8	6.2	3	2184-1
UNF1/2-20	20	100	22	-	9	7	3	2184-1
UNF9/16-18	18	100	22	-	11	9	3	2184-1
UNF5/8-18	18	100	22	-	12	9	3	2184-1
UNF3/4-16	16	110	25	-	14	11	3	2184-1
UNF7/8-14	14	125	25	-	18	14.5	3	2184-1
UNF1-12	12	140	28	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YST625TC Spiral Fluted Tap TiCN



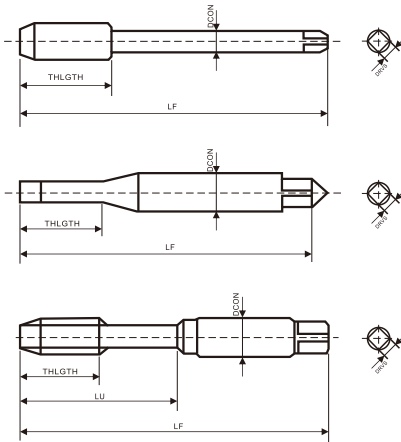
Technical Specification

M HSSE TiCN ISO 6HX

No.	TD	TP	LF	THLGTH	DCON	DRVS	DIN	No. of Cutting Pitch
M3*0.5	3	0.5	56	5	2.2	-	376	2.5P
M4*0.7	4	0.7	63	7	2.8	2.1	376	2.5P
M5*0.8	5	0.8	70	8	3.5	2.7	376	2.5P
M6*1.0	6	1	80	10	4.5	3.4	376	2.5P
M8*1.25	8	1.25	90	11	6	4.9	376	2.5P
M10*1.5	10	1.5	100	14	7	5.5	376	2.5P
M12*1.75	12	1.75	110	16	9	7	376	2.5P
M14*2.0	14	2	110	18	11	9	376	2.5P
M16*2.0	16	2	110	18	12	9	376	2.5P
M18*2.5	18	2.5	125	23	14	11	376	2.5P
M20*2.5	20	2.5	140	23	16	12	376	2.5P
M22*2.5	22	2.5	140	23	18	14.5	376	2.5P
M24*3.0	24	3	160	27	18	14.5	376	2.5P
M27*3.0	27	3	160	27	20	16	376	2.5P
M30*3.5	30	3.5	180	32	22	18	376	2.5P
M36*4.0	36	4	200	36	28	22	376	2.5P
M6*0.5	6	0.5	80	7.2	4.5	3.4	374	2.5P
M6*0.75	6	0.75	80	7.2	4.5	3.4	374	2.5P
M8*0.75	8	0.75	80	9	6	4.9	374	2.5P
M8*1.0	8	1	90	9	6	4.9	374	2.5P
M10*1.0	10	1	90	11	7	5.5	374	2.5P
M10*1.25	10	1.25	100	11	7	5.5	374	2.5P
M12*1.0	12	1	100	13	9	7	374	2.5P
M12*1.25	12	1.25	100	13	9	7	374	2.5P
M12*1.5	12	1.5	100	13	9	7	374	2.5P
M14*1.5	14	1.5	100	14	11	9	374	2.5P
M16*1.5	16	1.5	100	14	12	9	374	2.5P
M18*1.5	18	1.5	110	18	14	11	374	2.5P
M20*1.5	20	1.5	125	18	16	12	374	2.5P
M22*1.5	22	1.5	125	18	18	14.5	374	2.5P
M24*1.5	24	1.5	140	22	18	14.5	374	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YST625TC Spiral Fluted Tap TiCN



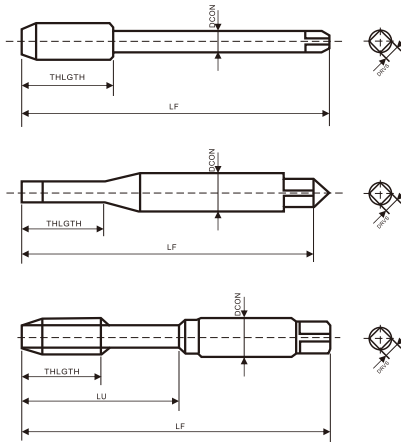
Technical Specification

UNC HSSE TiCN ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNC2-56	56	45	3.6	9	2.8	2.1	2	2184-1
UNC3-48	48	50	3.6	9	2.8	2.1	2	2184-1
UNC4-40	40	56	11	18	3.5	2.7	2	2184-1
UNC5-40	40	56	11	18	3.5	2.7	3	2184-1
UNC6-32	32	56	12	20	4	3	3	2184-1
UNC8-32	32	63	13	21	4.5	3.4	3	2184-1
UNC10-24	24	70	16	25	6	4.9	3	2184-1
UNC12-24	24	80	17	30	6	4.9	3	2184-1
UNC1/4-20	20	80	19	30	7	5.5	3	2184-1
UNC5/16-18	18	90	22	35	8	6.2	3	2184-1
UNC3/8-16	16	100	24	39	10	8	3	2184-1
UNC7/16-14	14	100	14.5	-	8	6.2	3	2184-1
UNC1/2-13	13	110	15.6	-	9	7	3	2184-1
UNC9/16-12	12	110	16.9	-	11	9	3	2184-1
UNC5/8-11	11	110	18.5	-	12	9	3	2184-1
UNC3/4-10	10	125	25.4	-	14	11	3	2184-1
UNC7/8-9	9	140	28.2	-	18	14.5	3	2184-1
UNC1-8	8	160	31.2	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST625TC Spiral Fluted Tap TiCN



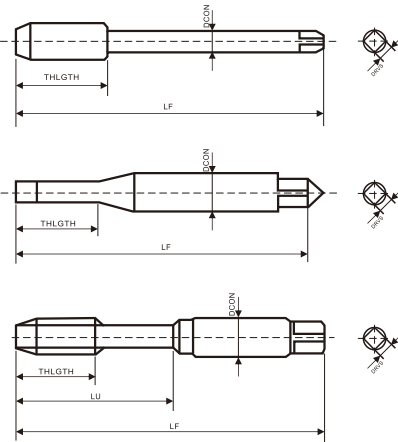
Technical Specification

UNF HSSE TiCN ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNF3-56	56	50	6	9	2.8	2.1	2	2184-1
UNF4-48	48	56	11	18	3.5	2.7	2	2184-1
UNF5-44	44	56	11	18	3.5	2.7	3	2184-1
UNF6-40	40	56	12	20	4	3	3	2184-1
UNF8-36	36	63	13	21	4.5	3.4	3	2184-1
UNF10-32	32	70	16	25	6	4.9	3	2184-1
UNF12-28	28	80	17	30	6	4.9	3	2184-1
UNF1/4-28	28	80	19	30	7	5.5	3	2184-1
UNF5/16-24	24	90	22	35	8	6.2	3	2184-1
UNF3/8-24	24	90	20	35	10	8	3	2184-1
UNF7/16-20	20	100	24	-	8	6.2	3	2184-1
UNF1/2-20	20	100	22	-	9	7	3	2184-1
UNF9/16-18	18	100	22	-	11	9	3	2184-1
UNF5/8-18	18	100	22	-	12	9	3	2184-1
UNF3/4-16	16	110	25	-	14	11	3	2184-1
UNF7/8-14	14	125	25	-	18	14.5	3	2184-1
UNF1-12	12	140	28	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YST625PT Spiral Fluted Tap



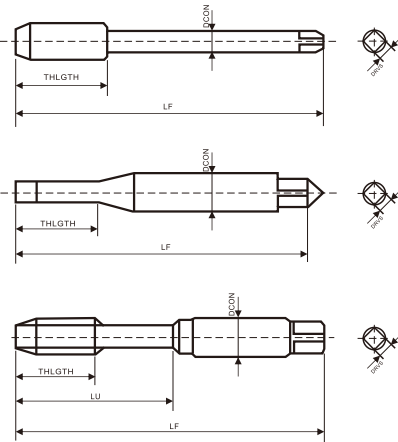
Technical Specification

M CPM TICN ISO 6HX

TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M1.0*0.25	0.25	40	-	5	2.5	2.1	2	371	2.5P
M1.1*0.25	0.25	40	-	5	2.5	2.1	2	371	2.5P
M1.2*0.25	0.25	40	-	5	2.5	2.1	2	371	2.5P
M1.4*0.3	0.3	40	-	6	2.5	2.1	2	371	2.5P
M1.6*0.35	0.35	40	-	7	2.5	2.1	2	371	2.5P
M1.7*0.35	0.35	40	-	8	2.5	2.1	2	371	2.5P
M1.8*0.35	0.35	40	-	8	2.5	2.1	2	371	2.5P
M2*0.4	0.4	45	3.2	10	2.8	2.1	2	371	2.5P
M2.2*0.45	0.45	45	3.6	11	2.8	2.1	2	371	2.5P
M2.3*0.4	0.4	45	3.6	12	2.8	2.1	2	371	2.5P
M2.5*0.45	0.45	50	3.6	13	2.8	2.1	2	371	2.5P
M2.6*0.45	0.45	50	3.6	13	2.8	2.1	2	371	2.5P
M3*0.5	0.5	56	4	18	3.5	2.7	3	371	2.5P
M3.5*0.6	0.6	56	4.8	20	4	3	3	371	2.5P
M4*0.7	0.7	63	5.6	21	4.5	3.4	3	371	2.5P
M4.5*0.75	0.75	70	6	25	6	4.9	3	371	2.5P
M5*0.8	0.8	70	6.4	25	6	4.9	3	371	2.5P
M5.5*0.9	0.9	80	7.2	30	6	4.9	3	371	2.5P
M6*1.0	1	80	8	30	6	4.9	3	371	2.5P
M7*1.0	1	80	8	30	7	5.5	3	371	2.5P
M8*1.25	1.25	90	10	35	8	6.2	3	371	2.5P
M9*1.25	1.25	90	10	35	9	7	3	371	2.5P
M10*1.5	1.5	100	12	39	10	8	3	371	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
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YST625PT Spiral Fluted Tap



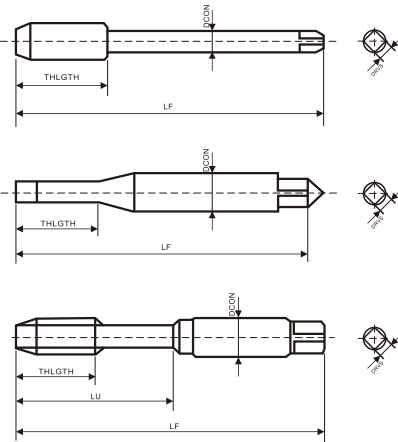
Technical Specification

M CPM TICN ISO 6HX

TD	TP	LF	THLGTH	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M3*0.5	0.5	56	4	2.2	1.5	3	376	2.5P
M4*0.7	0.7	63	5.6	2.8	2.1	3	376	2.5P
M5*0.8	0.8	70	6.4	3.5	2.7	3	376	2.5P
M6*1.0	1.0	80	8	4.5	3.4	3	376	2.5P
M7*1.0	1.0	80	8	5.5	4.3	3	376	2.5P
M8*1.25	1.25	90	10	6	4.9	3	376	2.5P
M9*1.25	1.25	90	10	7	5.5	3	376	2.5P
M10*1.5	1.5	100	12	7	5.5	3	376	2.5P
M11*1.5	1.5	100	12	8	6.2	3	376	2.5P
M12*1.75	1.75	110	14	9	7	3	376	2.5P
M14*2.0	2.0	110	16	11	9	3	376	2.5P
M16*2.0	2.0	110	16	12	9	3	376	2.5P
M18*2.5	2.5	125	25	14	11	4	376	2.5P
M20*2.5	2.5	140	25	16	12	4	376	2.5P
M22*2.5	2.5	140	25	18	14.5	4	376	2.5P
M24*3.0	3.0	160	30	18	14.5	4	376	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
○	●	●	○	●				○	○	○	○	○	○	○	○	○	○	●	○

YST625PT Spiral Fluted Tap



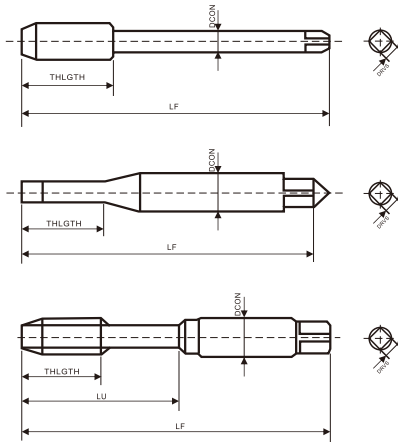
Technical Specification

UNC CPM TICN ISO 6HX DIN

TD	TP	LF	THLGTH	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
UNC 1/8	28	90	20	7	5.5	3	5156	2.5P
UNC 1/4	19	100	22	11	9	3	5156	2.5P
UNC 3/8	19	100	22	12	9	4	5156	2.5P
UNC 1/2	14	125	25	16	12	4	5156	2.5P
UNC 5/8	14	125	25	18	14.5	4	5156	2.5P
UNC 3/4	14	140	28	20	16	4	5156	2.5P
UNC 7/8	14	150	28	22	18	4	5156	2.5P
UNC 1	11	160	30	25	20	4	5156	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	●	●	○	●				○	○	○	○	○	○	○	○	○	○	●	○

YST625AT Spiral Fluted Tap



Technical Specification

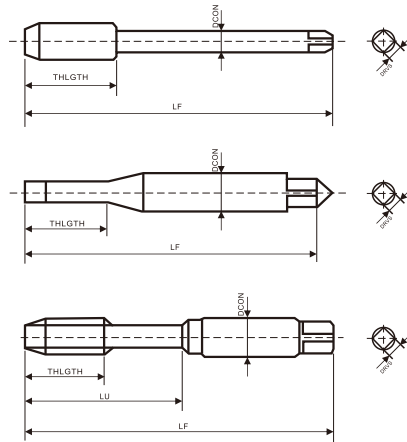
M HSSE Complex Coating ISO 6HX DIN

No.	TD	TP	Number of slots	DCON	DRVS	LF	THLGTH	LU	DIN	No. of Cutting Pitch
M3*0.5	M3	0.5	3	3.5	2.7	56	5	18	371	2.5P
M4*0.7	M4	0.7	3	4.5	3.4	63	7	21	371	2.5P
M5*0.8	M5	0.8	3	6	4.9	70	8	25	371	2.5P
M6*1.0	M6	1.0	3	6	4.9	80	10	30	371	2.5P
M8*1.0	M8	1.0	3	8	6.2	90	13	35	371	2.5P
M8*1.25	M8	1.25	3	8	6.2	90	13	35	371	2.5P
M10*1.0	M10	1.0	3	10	8	100	15	39	371	2.5P
M10*1.25	M10	1.25	3	10	8	100	15	39	371	2.5P
M10*1.5	M10	1.5	3	10	7	100	15	39	371	2.5P
M12*1.25	M12	1.25	3	9	7	110	15	-	376	2.5P
M12*1.5	M12	1.5	3	9	7	110	15	-	376	2.5P
M12*1.75	M12	1.75	3	9	7	110	18	-	376	2.5P
M14*1.5	M14	1.5	3	11	9	110	15	-	376	2.5P
M14*2.0	M14	2.0	3	11	9	110	20	-	376	2.5P
M16*1.5	M16	1.5	4	12	9	110	15	-	376	2.5P
M16*2.0	M16	2.0	4	12	9	110	20	-	376	2.5P
M18*1.5	M18	1.5	4	14	11	125	18	-	376	2.5P
M18*2.5	M18	2.5	4	14	11	125	25	-	376	2.5P
M20*1.5	M20	1.5	4	16	12	140	18	-	376	2.5P
M20*2.5	M20	2.5	4	16	12	140	25	-	376	2.5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	●	●	●	○				●	○	○	○	●	○	○	○	○	○	●	○



YPT725 Spiral Point Taps



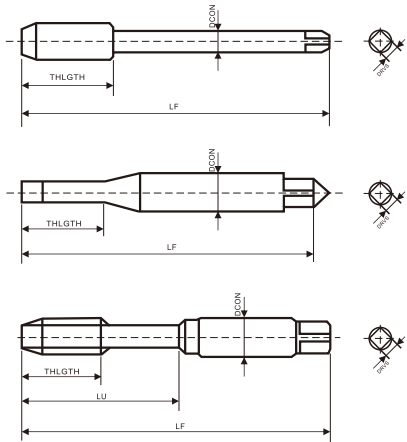
Technical Specification

M HSSE Uncoated ISO 6H DIN

TD	TP	LF	THLGTH	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M2*0.4	0.4	45	8	2.8	2.1	2	371	5P
M2.5*0.45	0.45	50	9	2.8	2.1	2	371	5P
M3*0.5	0.5	56	-	3.5	2.7	3	371	5P
M4*0.7	0.7	63	-	4.5	3.4	3	371	5P
M5*0.8	0.8	70	-	6	4.9	3	371	5P
M6*1.0	1	80	-	6	4.9	3	371	5P
M8*1.25	1.25	90	-	8	6.2	3	371	5P
M10*1.5	1.5	100	-	10	8	3	371	5P
M3*0.5	0.5	56	11	2.2	-	3	376	5P
M4*0.7	0.7	63	13	2.8	2.1	3	376	5P
M5*0.8	0.8	70	16	3.5	2.7	3	376	5P
M6*1.0	1	80	19	4.5	3.4	3	376	5P
M8*1.25	1.25	90	22	6	4.9	3	376	5P
M10*1.5	1.5	100	24	7	5.5	3	376	5P
M12*1.75	1.75	110	28	9	7	3	376	5P
M14*2.0	2	110	30	11	9	3	376	5P
M16*2.0	2	110	32	12	9	3	376	5P
M18*2.5	2.5	125	34	14	11	3	376	5P
M20*2.5	2.5	140	34	16	12	3	376	5P
M22*2.5	2.5	140	34	18	14.5	3	376	5P
M24*3.0	3	160	38	18	14.5	3	376	5P
M27*3.0	3	160	38	20	16	4	376	5P
M30*3.5	3.5	180	45	22	18	4	376	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	○	○	○									○	○	○	○	○	●	○	○

YPT725 Spiral Point Taps



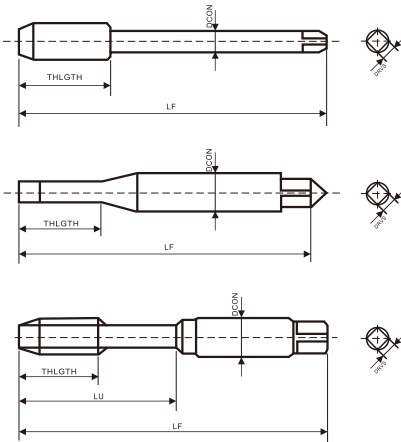
Technical Specification

M HSSE Uncoated ISO 6H DIN

TD	TP	LF	THLGTH	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M6*0.75	0.75	80	14	4.5	3.4	3	374	5P
M8*0.75	0.75	80	18	6	4.9	3	374	5P
M8*1.0	1	90	22	6	4.9	3	374	5P
M10*1.0	1	90	20	7	5.5	3	374	5P
M10*1.25	1.25	100	24	7	5.5	3	374	5P
M12*1.0	1	100	22	9	7	3	374	5P
M12*1.25	1.25	100	22	9	7	3	374	5P
M12*1.5	1.5	100	22	9	7	3	374	5P
M14*1.5	1.5	100	22	11	9	3	374	5P
M16*1.5	1.5	100	22	12	9	3	374	5P
M18*1.5	1.5	110	25	14	11	3	374	5P
M20*1.5	1.5	125	25	16	12	3	374	5P
M22*1.5	1.5	125	25	18	14.5	3	374	5P
M24*1.5	1.5	140	28	18	14.5	3	374	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	○	○	○									○	○	○	○	○	●	○	○

YPT725 Spiral Point Taps (371/376)



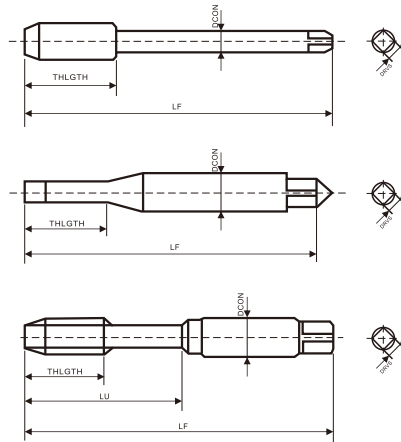
Technical Specification

UNC HSSE Uncoated ISO 6H DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNC2-56	56	45	3.6	9	2.8	2.1	2	2184-1
UNC3-48	48	50	3.6	9	2.8	2.1	2	2184-1
UNC4-40	40	56	11	18	3.5	2.7	2	2184-1
UNC5-40	40	56	11	18	3.5	2.7	3	2184-1
UNC6-32	32	56	12	20	4	3	3	2184-1
UNC8-32	32	63	13	21	4.5	3.4	3	2184-1
UNC10-24	24	70	16	25	6	4.9	3	2184-1
UNC12-24	24	80	17	30	6	4.9	3	2184-1
UNC1/4-20	20	80	19	30	7	5.5	3	2184-1
UNC5/16-18	18	90	22	35	8	6.2	3	2184-1
UNC3/8-16	16	100	24	39	10	8	3	2184-1
UNC7/16-14	14	100	14.5	-	8	6.2	3	2184-1
UNC1/2-13	13	110	15.6	-	9	7	3	2184-1
UNC9/16-12	12	110	16.9	-	11	9	3	2184-1
UNC5/8-11	11	110	18.5	-	12	9	3	2184-1
UNC3/4-10	10	125	25.4	-	14	11	3	2184-1
UNC7/8-9	9	140	28.2	-	18	14.5	3	2184-1
UNC1-8	8	160	31.2	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
○	○	○	○										○	○	○	○	●	○	○

YPT725 Spiral Point Taps (374)



Technical Specification

UNF HSSE Uncoated ISO 6H DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNF3-56	56	50	6	9	2.8	2.1	2	2184-1
UNF4-48	48	56	11	18	3.5	2.7	2	2184-1
UNF5-44	44	56	11	18	3.5	2.7	3	2184-1
UNF6-40	40	56	12	20	4	3	3	2184-1
UNF8-36	36	63	13	21	4.5	3.4	3	2184-1
UNF10-32	32	70	16	25	6	4.9	3	2184-1
UNF12-28	28	80	17	30	6	4.9	3	2184-1
UNF1/4-28	28	80	19	30	7	5.5	3	2184-1
UNF5/16-24	24	90	22	35	8	6.2	3	2184-1
UNF3/8-24	24	90	20	35	10	8	3	2184-1
UNF7/16-20	20	100	24	-	8	6.2	3	2184-1
UNF1/2-20	20	100	22	-	9	7	3	2184-1
UNF9/16-18	18	100	22	-	11	9	3	2184-1
UNF5/8-18	18	100	22	-	12	9	3	2184-1
UNF3/4-16	16	110	25	-	14	11	3	2184-1
UNF7/8-14	14	125	25	-	18	14.5	3	2184-1
UNF1-12	12	140	28	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Bs	BsC	PB	AL	AC,ADC	MC
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YPT725T Spiral Point Taps TiN



Technical Specification

M

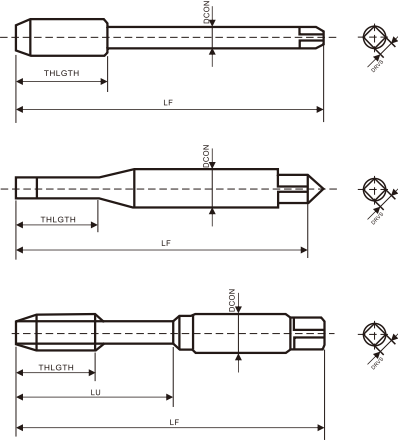
HSSE

TIN

ISO 6HX

DIN

No.	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M2*0.4	2	0.4	45	8	-	2.8	2.1	2	371	5P
M2.5*0.45	2.5	0.45	50	9	-	2.8	2.1	2	371	5P
M3*0.5	3	0.5	56	-	18	3.5	2.7	3	371	5P
M4*0.7	4	0.7	63	-	21	4.5	3.4	3	371	5P
M5*0.8	5	0.8	70	-	25	6	4.9	3	371	5P
M6*1.0	6	1	80	-	30	6	4.9	3	371	5P
M8*1.25	8	1.25	90	-	35	8	6.2	3	371	5P
M10*1.5	10	1.5	100	-	39	10	8	3	371	5P
M3*0.5	3	0.5	56	11	-	2.2	-	3	376	5P
M4*0.7	4	0.7	63	13	-	2.8	2.1	3	376	5P
M5*0.8	5	0.8	70	16	-	3.5	2.7	3	376	5P
M6*1.0	6	1	80	19	-	4.5	3.4	3	376	5P
M8*1.25	8	1.25	90	22	-	6	4.9	3	376	5P
M10*1.5	10	1.5	100	24	-	7	5.5	3	376	5P
M12*1.75	12	1.75	110	28	-	9	7	3	376	5P
M14*2.0	14	2	110	30	-	11	9	3	376	5P
M16*2.0	16	2	110	32	-	12	9	3	376	5P
M18*2.5	18	2.5	125	34	-	14	11	3	376	5P
M20*2.5	20	2.5	140	34	-	16	12	3	376	5P
M22*2.5	22	2.5	140	34	-	18	14.5	3	376	5P
M24*3.0	24	3	160	38	-	18	14.5	3	376	5P
M27*3.0	27	3	160	38	-	20	16	4	376	5P
M30*3.5	30	3.5	180	45	-	22	18	4	376	5P



Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	BS	BS-C	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
●	●	●	●	○	○	○	○	●	○	●	○	●	○	○	○	○	○	○	○	○	○	○	○	

YPT725T Spiral Point Taps TiN



Technical Specification

UNC

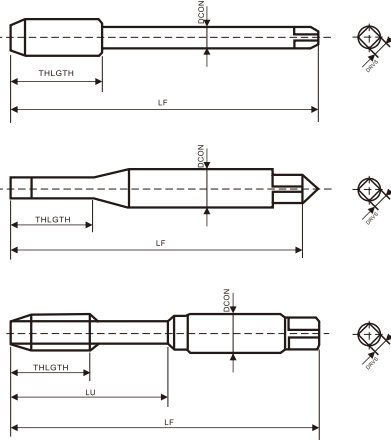
HSSE

TIN

ISO 6HX

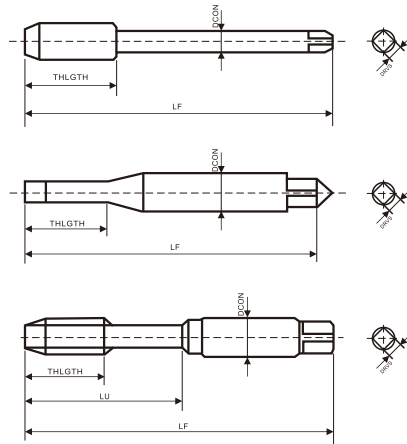
DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNC2-56	56	45	3.6	9	2.8	2.1	2	2184-1
UNC3-48	48	50	3.6	9	2.8	2.1	2	2184-1
UNC4-40	40	56	11	18	3.5	2.7	2	2184-1
UNC5-40	40	56	11	18	3.5	2.7	3	2184-1
UNC6-32	32	56	12	20	4	3	3	2184-1
UNC8-32	32	63	13	21	4.5	3.4	3	2184-1
UNC10-24	24	70	16	25	6	4.9	3	2184-1
UNC12-24	24	80	17	30	6	4.9	3	2184-1
UNC1/4-20	20	80	19	30	7	5.5	3	2184-1
UNC5/16-18	18	90	22	35	8	6.2	3	2184-1
UNC3/8-16	16	100	24	39	10	8	3	2184-1
UNC7/16-14	14	100	14.5	-	8	6.2	3	2184-1
UNC1/2-13	13	110	15.6	-	9	7	3	2184-1
UNC9/16-12	12	110	16.9	-	11	9	3	2184-1
UNC5/8-11	11	110	18.5	-	12	9	3	2184-1
UNC3/4-10	10	125	25.4	-	14	11	3	2184-1
UNC7/8-9	9	140	28.2	-	18	14.5	3	2184-1
UNC1-8	8	160	31.2	-	18	14.5	3	2184-1



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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BeC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
●	●	●	●	○				●	○	●		●	○	○	○	○	○	○	○	○	○	○	○	

YPT725T Spiral Point Taps TiN



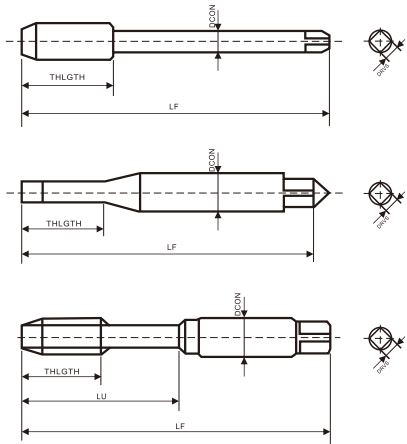
Technical Specification

UNF HSSE TIN ISO 6HX DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNF3-56	56	50	6	9	2.8	2.1	2	2184-1
UNF4-48	48	56	11	18	3.5	2.7	2	2184-1
UNF5-44	44	56	11	18	3.5	2.7	3	2184-1
UNF6-40	40	56	12	20	4	3	3	2184-1
UNF8-36	36	63	13	21	4.5	3.4	3	2184-1
UNF10-32	32	70	16	25	6	4.9	3	2184-1
UNF12-28	28	80	17	30	6	4.9	3	2184-1
UNF1/4-28	28	80	19	30	7	5.5	3	2184-1
UNF5/16-24	24	90	22	35	8	6.2	3	2184-1
UNF3/8-24	24	90	20	35	10	8	3	2184-1
UNF7/16-20	20	100	24	-	8	6.2	3	2184-1
UNF1/2-20	20	100	22	-	9	7	3	2184-1
UNF9/16-18	18	100	22	-	11	9	3	2184-1
UNF5/8-18	18	100	22	-	12	9	3	2184-1
UNF3/4-16	16	110	25	-	14	11	3	2184-1
UNF7/8-14	14	125	25	-	18	14.5	3	2184-1
UNF1-12	12	140	28	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
●	●	●	●	○				●	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○

YPT725TC Spiral Point Taps TiCN



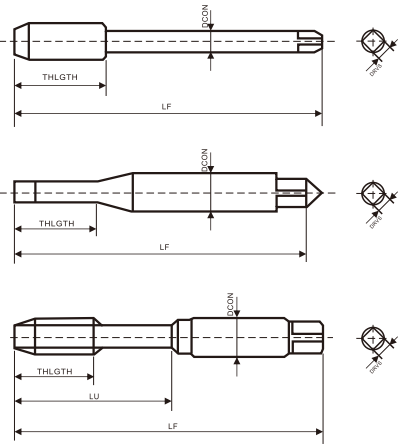
Technical Specification

M HSSE TiCN ISO 6HX DIN

No.	TD	TP	LF	THLGTH	DCON	DRVS	DIN	No. of Cutting Pitch
M2*0.4	2	0.4	45	8	2.8	2.1	371	5P
M2.5*0.45	2.5	0.45	50	9	2.8	2.1	371	5P
M3*0.5	3	0.5	56	-	3.5	2.7	371	5P
M4*0.7	4	0.7	63	-	4.5	3.4	371	5P
M5*0.8	5	0.8	70	-	6	4.9	371	5P
M6*1.0	6	1	80	-	6	4.9	371	5P
M8*1.25	8	1.25	90	-	8	6.2	371	5P
M10*1.5	10	1.5	100	-	10	8	371	5P
M3*0.5	3	0.5	56	11	2.2	-	376	5P
M4*0.7	4	0.7	63	13	2.8	2.1	376	5P
M5*0.8	5	0.8	70	16	3.5	2.7	376	5P
M6*1.0	6	1	80	19	4.5	3.4	376	5P
M8*1.25	8	1.25	90	22	6	4.9	376	5P
M10*1.5	10	1.5	100	24	7	5.5	376	5P
M12*1.75	12	1.75	110	28	9	7	376	5P
M14*2.0	14	2	110	30	11	9	376	5P
M16*2.0	16	2	110	32	12	9	376	5P
M18*2.5	18	2.5	125	34	14	11	376	5P
M20*2.5	20	2.5	140	34	16	12	376	5P
M22*2.5	22	2.5	140	34	18	14.5	376	5P
M24*3.0	24	3	160	38	18	14.5	376	5P
M27*3.0	27	3	160	38	20	16	376	5P
M30*3.5	30	3.5	180	45	22	18	376	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Br	BrC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
●	●	●	●	○				●	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○

YPT725TC Spiral Point Taps TiCN



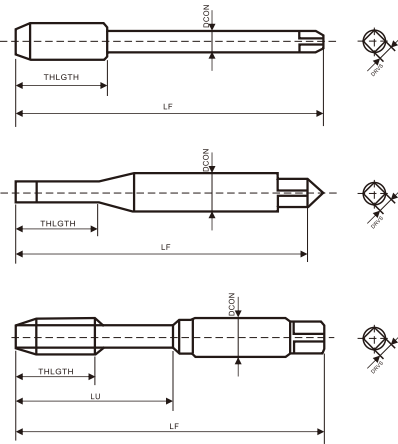
Technical Specification

UNC HSSE TiCN ISO 6HX DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNC2-56	56	45	3.6	9	2.8	2.1	2	2184-1
UNC3-48	48	50	3.6	9	2.8	2.1	2	2184-1
UNC4-40	40	56	11	18	3.5	2.7	2	2184-1
UNC5-40	40	56	11	18	3.5	2.7	3	2184-1
UNC6-32	32	56	12	20	4	3	3	2184-1
UNC8-32	32	63	13	21	4.5	3.4	3	2184-1
UNC10-24	24	70	16	25	6	4.9	3	2184-1
UNC12-24	24	80	17	30	6	4.9	3	2184-1
UNC1/4-20	20	80	19	30	7	5.5	3	2184-1
UNC5/16-18	18	90	22	35	8	6.2	3	2184-1
UNC3/8-16	16	100	24	39	10	8	3	2184-1
UNC7/16-14	14	100	14.5	-	8	6.2	3	2184-1
UNC1/2-13	13	110	15.6	-	9	7	3	2184-1
UNC9/16-12	12	110	16.9	-	11	9	3	2184-1
UNC5/8-11	11	110	18.5	-	12	9	3	2184-1
UNC3/4-10	10	125	25.4	-	14	11	3	2184-1
UNC7/8-9	9	140	28.2	-	18	14.5	3	2184-1
UNC1-8	8	160	31.2	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Br	BeCu	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YPT725TC Spiral Point Taps TiCN



Technical Specification

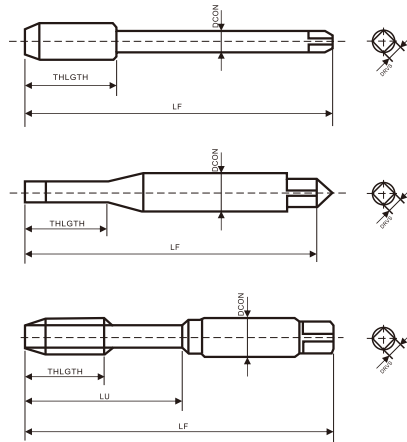
UNF HSSE TiCN ISO 6HX DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN
UNF3-56	56	50	6	9	2.8	2.1	2	2184-1
UNF4-48	48	56	11	18	3.5	2.7	2	2184-1
UNF5-44	44	56	11	18	3.5	2.7	3	2184-1
UNF6-40	40	56	12	20	4	3	3	2184-1
UNF8-36	36	63	13	21	4.5	3.4	3	2184-1
UNF10-32	32	70	16	25	6	4.9	3	2184-1
UNF12-28	28	80	17	30	6	4.9	3	2184-1
UNF1/4-28	28	80	19	30	7	5.5	3	2184-1
UNF5/16-24	24	90	22	35	8	6.2	3	2184-1
UNF3/8-24	24	90	20	35	10	8	3	2184-1
UNF7/16-20	20	100	24	-	8	6.2	3	2184-1
UNF1/2-20	20	100	22	-	9	7	3	2184-1
UNF9/16-18	18	100	22	-	11	9	3	2184-1
UNF5/8-18	18	100	22	-	12	9	3	2184-1
UNF3/4-16	16	110	25	-	14	11	3	2184-1
UNF7/8-14	14	125	25	-	18	14.5	3	2184-1
UNF1-12	12	140	28	-	18	14.5	3	2184-1

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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Br	BeCu	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YPT725PT Spiral Point Taps



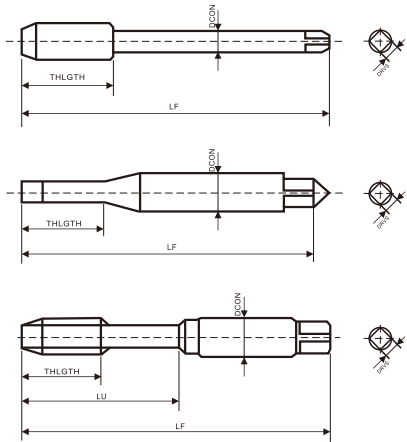
Technical Specification

M CPM TICN ISO 6HX DIN

No.	TD	TP	LF	THLGTH	LU	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M2.5*0.35	2.5	0.35	50	-	9	2.8	2.1	2	371	5P
M2.6*0.35	2.6	0.35	50	-	9	2.8	2.1	2	371	5P
M3*0.35	3.0	0.35	56	8	18	3.5	2.7	3	371	5P
M3.5*0.35	3.5	0.35	56	9	20	4.0	3.0	3	371	5P
M4*0.35	4.0	0.35	63	10	21	4.5	3.4	3	371	5P
M4*0.5	4.0	0.5	63	10	21	4.5	3.4	3	371	5P
M4.5*0.5	4.5	0.5	70	12	25	6	4.9	3	371	5P
M5*0.5	5.0	0.5	70	12	25	6	4.9	3	371	5P
M6*0.5	6.0	0.5	80	14	30	6	4.9	3	371	5P
M6*0.75	6.0	0.75	80	14	30	6	4.9	3	371	5P
M7*0.75	7.0	0.75	80	14	30	7	5.5	3	371	5P
M8*0.75	8.0	0.75	80	18	30	8	6.2	3	371	5P
M8*1.0	8.0	1.0	90	22	35	8	6.2	3	371	5P
M9*1.0	9.0	1.0	90	22	35	9	7.0	3	371	5P
M10*0.75	10.0	0.75	90	20	35	10	8.0	3	371	5P
M10*1.0	10.0	1.0	90	20	35	10	8.0	3	371	5P
M10*1.25	10.0	1.25	100	24	39	10	8.0	3	371	5P
M6*0.5	6.0	0.5	80	14	-	4.5	3.4	3	374	5P
M6*0.75	6.0	0.75	80	14	-	4.5	3.4	3	374	5P
M8*0.75	8.0	0.75	80	18	-	6.0	4.9	3	374	5P
M8*1.0	8.0	1.0	90	22	-	6.0	4.9	3	374	5P
M9*1.0	9.0	1.0	90	22	-	7.0	5.5	3	374	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Br	BrC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YPT725PT Spiral Point Taps



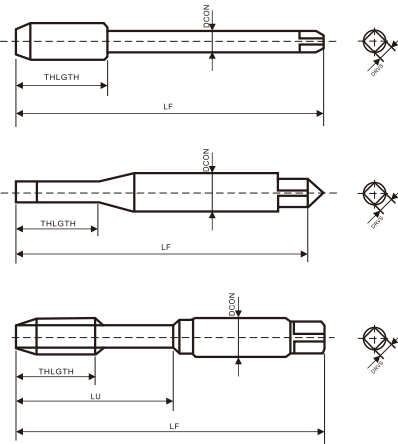
Technical Specification

M CPM TICN ISO 6HX DIN

No.	TD	TP	LF	THLGTH	DCON	DRVS	NOF	DIN	No. of Cutting Pitch
M10*0.75	10	0.75	90	20	7	5.5	3	374	5P
M10*1.0	10	1.0	90	20	7	5.5	3	374	5P
M10*1.25	10	1.25	100	24	7	5.5	3	374	5P
M11*1.0	11	1.0	90	20	8	6.2	3	374	5P
M12*1.0	12	1.0	100	22	9	7	3	374	5P
M12*1.25	12	1.25	100	22	9	7	3	374	5P
M12*1.5	12	1.5	100	22	9	7	3	374	5P
M14*1.0	14	1.0	100	22	11	9	4	374	5P
M14*1.25	14	1.25	100	22	11	9	4	374	5P
M14*1.5	14	1.5	100	22	11	9	4	374	5P
M16*1.0	16	1.0	100	22	12	9	4	374	5P
M16*1.5	16	1.5	100	22	12	9	4	374	5P
M18*1.0	18	1.0	110	25	14	11	4	374	5P
M18*1.5	18	1.5	110	25	14	11	4	374	5P
M20*1.0	20	1.0	125	25	16	12	4	374	5P
M20*1.5	20	1.5	125	25	16	12	4	374	5P
M20*2.0	20	2.0	140	34	16	12	4	374	5P
M22*1.0	2	1.0	125	25	18	14.5	4	374	5P
M22*1.5	22	1.5	125	25	18	14.5	4	374	5P
M22*2.0	22	2.0	140	34	18	14.5	4	374	5P
M24*1.0	24	1.0	140	28	18	14.5	4	374	5P
M24*1.5	24	1.5	140	28	18	14.5	4	374	5P
M24*2.0	24	2.0	140	28	18	14.5	4	374	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic	Thermo Plastic
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	Br	BrC	PB	AL	AC,ADC	MC	ZDC	-	-	-	-
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YPT725AT Spiral Point Taps



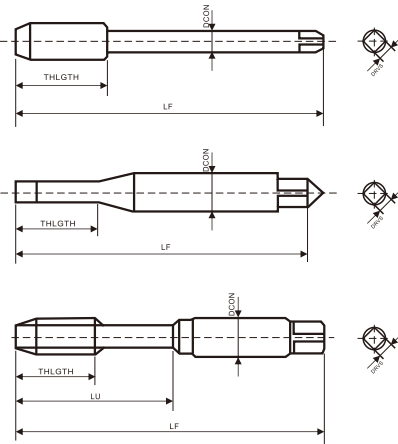
Technical Specification

M HSSE Complex Coating ISO 6HX DIN

No.	TD	TP	Number of slots	DCON	DRVS	LF	THLGTH	LU	DIN	No. of Cutting Pitch
M3*0.5	M3	0.50	3	3.5	2.7	56	11	18	371	5P
M4*0.7	M4	0.70	3	4.5	3.4	63	13	21	371	5P
M5*0.8	M5	0.80	3	6.0	4.9	70	14	25	371	5P
M6*1.0	M6	1.00	3	6.0	4.9	80	16	30	371	5P
M8*1.0	M8	1.00	4	8.0	6.2	90	17	35	371	5P
M8*1.25	M8	1.25	4	8.0	6.2	90	17	35	371	5P
M10*1.0	M10	1.00	4	10.0	8	100	20	39	371	5P
M10*1.25	M10	1.25	4	10.0	8	100	20	39	371	5P
M10*1.5	M10	1.50	4	10.0	8	100	20	39	371	5P
M12*1.25	M12	1.25	5	9.0	7	110	24	-	376	5P
M12*1.5	M12	1.50	5	9.0	7	110	24	-	376	5P
M12*1.75	M12	1.75	5	9.0	7	110	24	-	376	5P
M14*1.5	M14	1.50	5	11.0	9	110	26	-	376	5P
M14*2.0	M14	2.00	5	11.0	9	110	26	-	376	5P
M16*1.5	M16	1.50	4	12.0	9	110	26	-	376	5P
M16*2.0	M16	2.00	4	12.0	9	110	26	-	376	5P
M18*1.5	M18	1.50	4	14.0	11	125	30	-	376	5P
M18*2.5	M18	2.50	4	14.0	11	125	30	-	376	5P
M20*1.5	M20	1.50	4	16.0	12	140	32	-	376	5P
M20*2.0	M20	2.50	4	16.0	12	140	32	-	376	5P
M20*2.5	M20	2.00	4	16.0	12	140	32	-	376	5P
M24*3.0	M24	3.00	4	16.0	14.5	160	45	-	376	5P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YNT825 Forming Taps



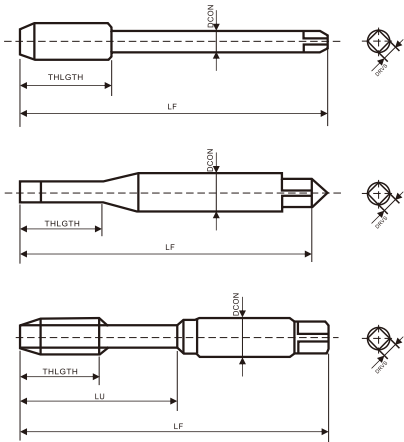
Technical Specification

M HSSE Uncoated ISO 6H DIN

TD	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
M3.5*0.6	0.6	56	-	20	4	3	2174	2P
M4*0.7	0.7	63	-	21	4.5	3.4	2174	2P
M4.5*0.75	0.75	70	-	25	6	4.9	2174	2P
M5*0.8	0.8	70	-	25	6	4.9	2174	2P
M5.5*0.9	0.9	80	-	30	6	4.9	2174	2P
M6*1.0	1	80	-	30	6	4.9	2174	2P
M7*1.0	1	80	-	35	7	5.5	2174	2P
M8*1.25	1.25	90	-	39	8	6.2	2174	2P
M9*1.25	1.25	90	-	39	9	7.0	2174	2P
M10*1.5	1.5	100	17	-	10	8.0	2174	2P
M12*1.75	1.75	100	20	-	9	7.0	2174	2P
M14*2.0	2	100	20	-	11	9.0	2174	2P
M16*2.0	2	100	20	-	12	9.0	2174	2P
M18*2.5	2.5	125	20	-	14	11.0	2174	2P
M20*2.5	2.5	140	20	-	16	12.0	2174	2P
M22*2.5	2.5	140	24	-	18	14.5	2174	2P
M24*3.0	3	160	18	-	18	14.5	2174	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting	Zinc Alloy Casting	Titanium Alloy	Nickel	Thermo Setting Plastic
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	Bs	BsC	PB	AL	AC,ADC	MC	ZDC	-	-	-
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YNT825 Forming Taps



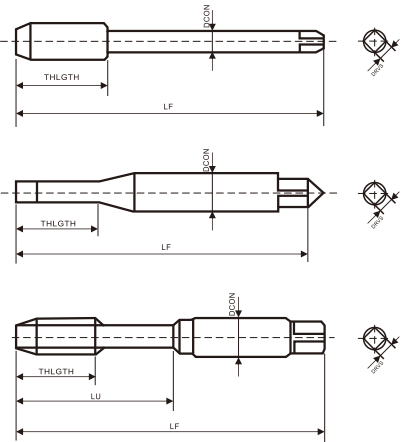
Technical Specification

UNC HSSE Uncoated ISO 6H

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
UNC4-40	40	56	11	18	3.5	2.7	2184-1	2P
UNC5-40	40	56	11	18	3.5	2.7	2184-1	2P
UNC6-32	32	56	12	20	4	3	2184-1	2P
UNC8-32	32	63	12	21	4.5	3.4	2184-1	2P
UNC10-24	24	70	14	25	6	4.9	2184-1	2P
UNC12-24	24	80	16	30	6	4.9	2184-1	2P
UNC1/4-20	20	80	13	30	7	5.5	2184-1	2P
UNC5/16-18	18	90	18	35	8	6.2	2184-1	2P
UNC3/8-16	16	100	11	39	10	8	2184-1	2P
UNC7/16-14	14	100	18.1	-	8	6.2	2184-1	2P
UNC1/2-13	13	110	20	-	9	7	2184-1	2P
UNC9/16-12	12	110	22	-	11	9	2184-1	2P
UNC5/8-11	11	110	14	-	12	9	2184-1	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YNT825 Forming Taps



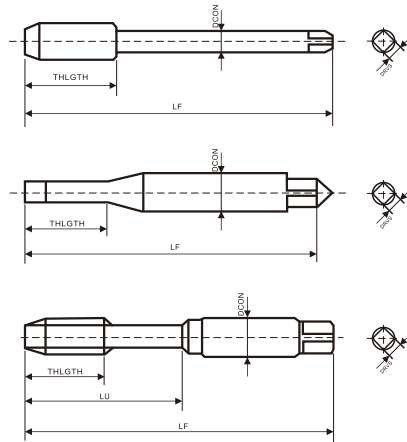
Technical Specification

UNF HSSE Uncoated ISO 6H

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
UNF4-48	40	56	10	18	3.5	2.7	2184-1	2P
UNF5-44	44	56	10	18	3.5	2.7	2184-1	2P
UNF6-40	40	56	11	20	4	3	2184-1	2P
UNF8-36	36	63	12	21	4.5	3.4	2184-1	2P
UNF10-32	32	70	14	25	6	4.9	2184-1	2P
UNF12-28	28	80	16	30	6	4.9	2184-1	2P
UNF1/4-28	28	80	16	30	7	5.5	2184-1	2P
UNF5/16-24	24	90	18	35	8	6.2	2184-1	2P
UNF3/8-24	24	90	18	35	10	8	2184-1	2P
UNF7/16-20	20	100	22	-	8	6.2	2184-1	2P
UNF1/2-20	20	100	20	-	9	7	2184-1	2P
UNF9/16-18	18	100	22	-	11	9	2184-1	2P
UNF5/8-18	18	100	22	-	12	9	2184-1	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
○	○	○	○									○	○	○	○	○	●	○	○

YNT825T Forming Taps TiN



Technical Specification

M

HSSE

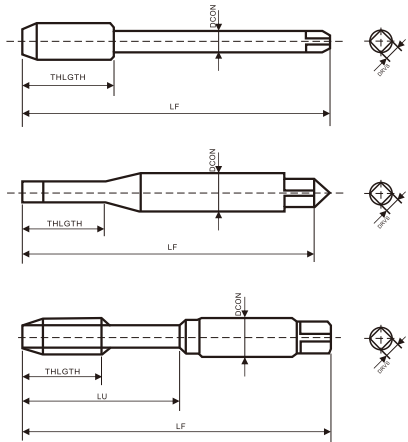
TIN

ISO 6HX

TD	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
M3.5*0.6	0.6	56	-	20	4	3	2174	2P
M4*0.7	0.7	63	-	21	4.5	3.4	2174	2P
M4.5*0.75	0.75	70	-	25	6	4.9	2174	2P
M5*0.8	0.8	70	-	25	6	4.9	2174	2P
M5.5*0.9	0.9	80	-	30	6	4.9	2174	2P
M6*1.0	1	80	-	30	6	4.9	2174	2P
M7*1.0	1	80	-	35	7	5.5	2174	2P
M8*1.25	1.25	90	-	39	8	6.2	2174	2P
M9*1.25	1.25	90	-	39	9	7	2174	2P
M10*1.5	1.5	100	17	-	10	8	2174	2P
M12*1.75	1.75	100	20	-	9	7	2174	2P
M14*2.0	2	100	20	-	11	9	2174	2P
M16*2.0	2	100	20	-	12	9	2174	2P
M18*2.5	2.5	125	20	-	14	11	2174	2P
M20*2.5	2.5	140	20	-	16	12	2174	2P
M22*2.5	2.5	140	24	-	18	14.5	2174	2P
M24*3.0	3	160	18	-	18	14.5	2174	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
●	●	○	○					●					●	●	●		●	●	●

YNT825T Forming Taps TiN



Technical Specification

UNC

HSSE

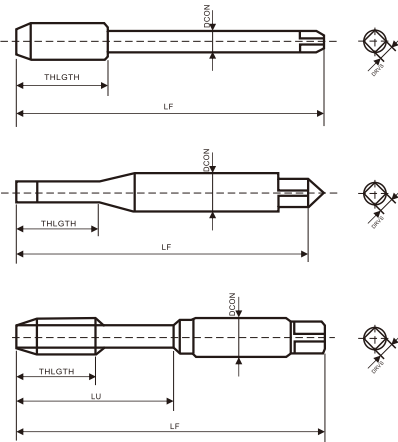
TIN

ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
UNC4-40	40	56	11	18	3.5	2.7	2184-1	2P
UNC5-40	40	56	11	18	3.5	2.7	2184-1	2P
UNC6-32	32	56	12	20	4	3	2184-1	2P
UNC8-32	32	63	12	21	4.5	3.4	2184-1	2P
UNC10-24	24	70	14	25	6	4.9	2184-1	2P
UNC12-24	24	80	16	30	6	4.9	2184-1	2P
UNC1/4-20	20	80	13	30	7	5.5	2184-1	2P
UNC5/16-18	18	90	18	35	8	6.2	2184-1	2P
UNC3/8-16	16	100	11	39	10	8	2184-1	2P
UNC7/16-14	14	100	18.1	-	8	6.2	2184-1	2P
UNC1/2-13	13	110	20	-	9	7	2184-1	2P
UNC9/16-12	12	110	22	-	11	9	2184-1	2P
UNC5/8-11	11	110	14	-	12	9	2184-1	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
●	●	○	○					●					●	●	●		●	●	●

YNT825T Forming Taps TiN



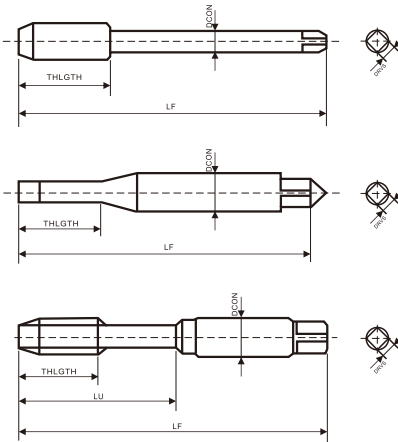
Technical Specification

UNF HSSE TIN ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
UNF4-48	40	56	10	18	3.5	2.7	2184-1	2P
UNF5-44	44	56	10	18	3.5	2.7	2184-1	2P
UNF6-40	40	56	11	20	4	3	2184-1	2P
UNF8-36	36	63	12	21	4.5	3.4	2184-1	2P
UNF10-32	32	70	14	25	6	4.9	2184-1	2P
UNF12-28	28	80	16	30	6	4.9	2184-1	2P
UNF1/4-28	28	80	16	30	7	5.5	2184-1	2P
UNF5/16-24	24	90	18	35	8	6.2	2184-1	2P
UNF3/8-24	24	90	18	35	10	8	2184-1	2P
UNF7/16-20	20	100	22	-	8	6.2	2184-1	2P
UNF1/2-20	20	100	20	-	9	7	2184-1	2P
UNF9/16-18	18	100	22	-	11	9	2184-1	2P
UNF5/8-18	18	100	22	-	12	9	2184-1	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
●	●	○	○					●					●	●	●		●	●	●

YNT825TC Forming Taps TiCN



Technical Specification

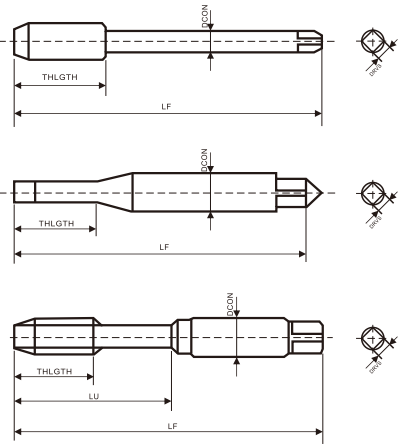
M HSSE TiCN ISO 6HX

TD	TP	LF	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
M1*0.25	0.25	40	5.5	2.5	2.1	2174	2P
M1.2*0.25	0.25	40	5.5	2.5	2.1	2174	2P
M1.4*0.3	0.3	40	7	2.5	2.1	2174	2P
M1.6*0.35	0.35	40	8	2.5	2.1	2174	2P
M1.7*0.35	0.35	40	8	2.5	2.1	2174	2P
M1.8*0.35	0.35	40	8	2.5	2.1	2174	2P
M2*0.4	0.4	45	8	2.8	2.1	2174	2P
M2.2*0.45	0.45	45	9	2.8	2.1	2174	2P
M2.3*0.4	0.4	45	9	2.8	2.1	2174	2P
M2.5*0.45	0.45	50	9	2.8	2.1	2174	2P
M2.6*0.45	0.45	50	9	2.8	2.1	2174	2P
M3*0.5	0.5	56	18	3.5	2.7	2174	2P
M3.5*0.6	0.6	56	20	4	3	2174	2P
M4*0.7	0.7	63	21	4.5	3.4	2174	2P
M4.5*0.75	0.75	70	25	6	4.9	2174	2P
M5*0.8	0.8	70	25	6	4.9	2174	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YNT825TC Forming Taps TiCN



Technical Specification

M

HSSE

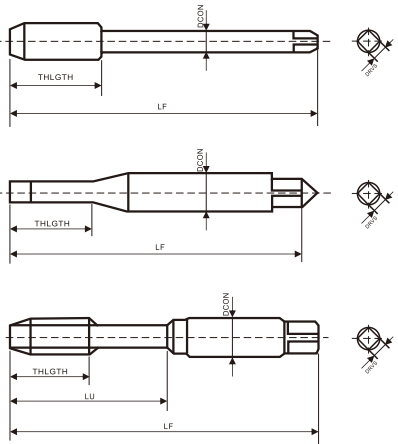
TICN

ISO 6HX

TD	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
M5.5*0.9	0.9	80	-	30	6	4.9	2174	2P
M6*1.0	1	80	-	30	6	4.9	2174	2P
M7*1.0	1	80	-	35	7	5.5	2174	2P
M8*1.25	1.25	90	-	39	8	6.2	2174	2P
M9*1.25	1.25	90	-	39	9	7	2174	2P
M10*1.5	1.5	100	17	-	10	8	2174	2P
M12*1.75	1.75	100	20	-	9	7	2174	2P
M14*2.0	2	100	20	-	11	9	2174	2P
M16*2.0	2	100	20	-	12	9	2174	2P
M18*2.5	2.5	125	20	-	14	11	2174	2P
M20*2.5	2.5	140	20	-	16	12	2174	2P
M22*2.5	2.5	140	24	-	18	14.5	2174	2P
M24*3.0	3	160	18	-	18	14.5	2174	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
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YNT825TC Forming Taps TiCN



Technical Specification

UNC

HSSE

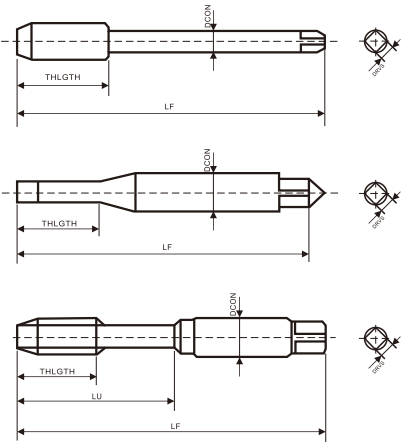
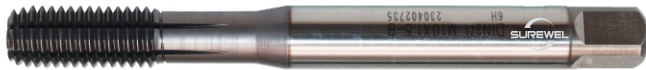
TICN

ISO 6HX

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
UNC4-40	40	56	11	18	3.5	2.7	2184-1	2P
UNC5-40	40	56	11	18	3.5	2.7	2184-1	2P
UNC6-32	32	56	12	20	4	3	2184-1	2P
UNC8-32	32	63	12	21	4.5	3.4	2184-1	2P
UNC10-24	24	70	14	25	6	4.9	2184-1	2P
UNC12-24	24	80	16	30	6	4.9	2184-1	2P
UNC1/4-20	20	80	13	30	7	5.5	2184-1	2P
UNC5/16-18	18	90	18	35	8	6.2	2184-1	2P
UNC3/8-16	16	100	11	39	10	8	2184-1	2P
UNC7/16-14	14	100	18.1	-	8	6.2	2184-1	2P
UNC1/2-13	13	110	20	-	9	7	2184-1	2P
UNC9/16-12	12	110	22	-	11	9	2184-1	2P
UNC5/8-11	11	110	14	-	12	9	2184-1	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	Br	BrC	PB	AL	AC,ADC	MC
●	●	○	○					●					●	●	●		●	●	●

YNT825TC Forming Taps TiCN



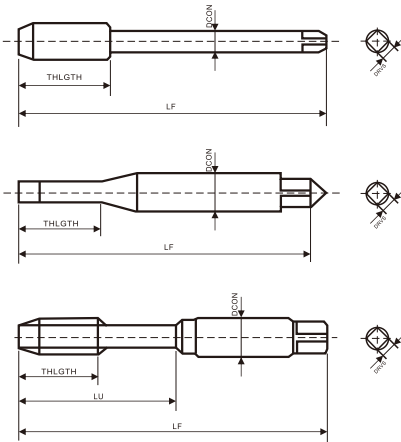
Technical Specification

UNF HSSE TiCN ISO 6HX DIN

Thread size	TP	LF	THLGTH	LU	DCON	DRVS	STANDARD	No. of Cutting Pitch
UNF4-48	40	56	10	18	3.5	2.7	2184-1	2P
UNF5-44	44	56	10	18	3.5	2.7	2184-1	2P
UNF6-40	40	56	11	20	4	3	2184-1	2P
UNF8-36	36	63	12	21	4.5	3.4	2184-1	2P
UNF10-32	32	70	14	25	6	4.9	2184-1	2P
UNF12-28	28	80	16	30	6	4.9	2184-1	2P
UNF1/4-28	28	80	16	30	7	5.5	2184-1	2P
UNF5/16-24	24	90	18	35	8	6.2	2184-1	2P
UNF3/8-24	24	90	18	35	10	8	2184-1	2P
UNF7/16-20	20	100	22	-	8	6.2	2184-1	2P
UNF1/2-20	20	100	20	-	9	7	2184-1	2P
UNF9/16-18	18	100	22	-	11	9	2184-1	2P
UNF5/8-18	18	100	22	-	12	9	2184-1	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
●	●	○	○					●					●	●	●		●	●	●

YNT825PT Forming Taps



Technical Specification

M CPM TiCN ISO 6HX DIN

TD	TP	LF	THLGTH	DCON	DRVS	No. of Cutting Pitch
M1 X 0.25	0.25	30	7	3	2.5	2P
M1.2 X 0.25	0.25	32	8	3	2.5	2P
M1.4 X 0.3	0.3	34	9	3	2.5	2P
M1.6 X 0.35	0.35	36	10	3	2.5	2P
M2 X 0.4	0.4	40	12	3	2.5	2P
M2.5 X 0.45	0.45	44	14	3	2.5	2P
M3 X 0.5	0.5	46	9	4	3.2	2P
M4 X 0.7	0.7	52	10	5	4	2P
M5 X 0.8	0.8	60	11	5.5	4.5	2P
M6 X 1.0	1	62	12	6	4.5	2P
M8 X 1.25	1.25	70	18	6.2	5	2P
M10 X 1.5	1.5	75	19	7	5.5	2P
M12 X 1.75	1.75	82	23	8.5	6.5	2P

Application table of the material to 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	Brass	Brass Casting	Bronze	Aluminum Rolled	Aluminum Alloy Casting	Magnesium Alloy Casting
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	BS	BS-C	PB	AL	AC,ADC	MC
●	●	○	○					●					●	●	●		●	●	●

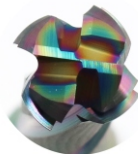
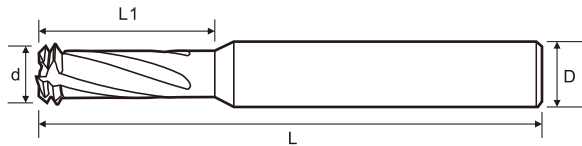




High Precision  
Thread Milling



YZA-DLC02DT   Versatile Thread Milling Hole Making Cutter



Technical Specification

M

Carbide

DLC

Sumitomo

Specification	TP	d	L1	F	D	L
M1.6*0.35	0.35	1.2	5	2	4	50
M2*0.4	0.4	1.54	6	2	4	50
M2.5*0.45	0.45	1.96	7.5	2	4	50
M3*0.5	0.5	2.4	9	3	6	50
M4*0.7	0.7	3.2	11	3	6	50
M5*0.8	0.8	3.9	12	3	6	50
M6*1.0	1.0	4.7	14	3	6	50
M8*1.25	1.25	6.5	18	4	8	60
M10*1.5	1.5	7.8	23	4	8	60
M12*1.75	1.75	9.6	26	4	10	75
M14*2.0	2.0	9.9	30	4	10	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	Castiron	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	FC	FCD	Cu	AL
												●	●





YZA-2101 Metric Single Tooth Thread Milling



Technical Specification

M

Carbide

Uncoated

Sumitomo

Specification	d	L1	D	L	F	Basic Hole
M0.8*0.2	0.55	2	4	50	3	0.6
M0.9*0.225	0.6	2	4	50	3	0.675
M1*0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.92	2.8	4	50	3	0.95
M1.4*0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	1.21	3.5	4	50	3	1.25
M2*0.4	1.54	6	4	50	3	1.6
M2.5*0.45	1.96	7.5	4	50	3	2.05
M3*0.5	2.4	9	4	50	3	2.5
M4*0.7	3.15	12	4	50	3	3.3
M5*0.8	4	12	4	50	4	4.2
M5*0.8	4	13	6	50	4	4.2
M6*1.0	4.75	15	6	50	4	5
M8*1.25	5.95	20	6	60	4	6.75
M10*1.5	7.9	25	8	60	4	8.5
M12*1.75	9.9	30	10	75	6	10.25
M14*2.0	9.9	30	10	75	6	12
M16*2.0	11.9	35	12	75	6	14
M18*2.5	14	40	14	100	5/6	15.5
M20*2.5	16	45	16	100	5/6	17.5
M24*3.0	16	45	16	100	5/6	21
M30*4.0	20	50	20	100	6	32

Application table of the material to 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
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
												●	●



YZA-2101 Metric Single Tooth Thread Milling (Long)



Technical Specification

M

Carbide

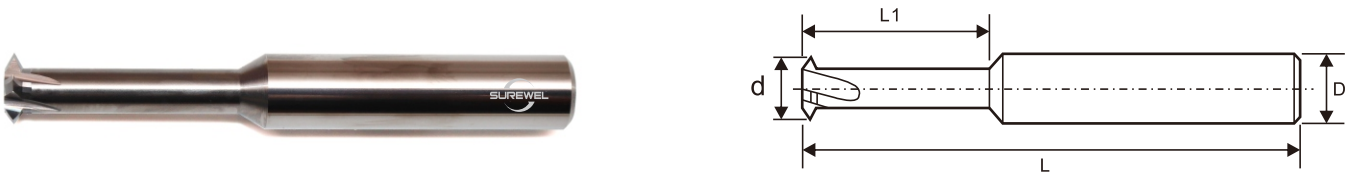
Uncoated

Sumitomo

Specification	d	L1	D	L	F	Basic Hole
M1.6*0.35	1.21	3.5	4	75	3	1.25
M2*0.4	1.54	6	4	75	3	1.6
M2*0.4	1.54	6	4	100	3	1.6
M2.5*0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	1.96	7.5	4	100	3	2.05
M3*0.5	2.4	9	4	75	3	2.5
M3*0.5	2.4	9	4	100	3	2.5
M4*0.7	3.15	12	4	75	4	3.3
M4*0.7	3.15	12	4	100	4	3.3
M5*0.8	4	15	6	75	4	4.2
M5*0.8	4	15	6	100	4	4.2
M6*1.0	4.75	18	6	75	4	5
M6*1.0	4.75	18	6	100	4	5
M8*1.25	5.9	20	6	75	4	6.75
M8*1.25	5.9	25	6	100	4	6.75
M10*1.5	7.9	30	8	75	6	8.5
M10*1.5	7.9	30	8	100	6	8.5
M12*1.75	9.9	35	10	100	6	10.25
M16*2.0	11.9	35	12	100	6	14

Application table of the material to 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
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
												●	●

YZA-2101 Metric Single Tooth Thread Milling(A60)



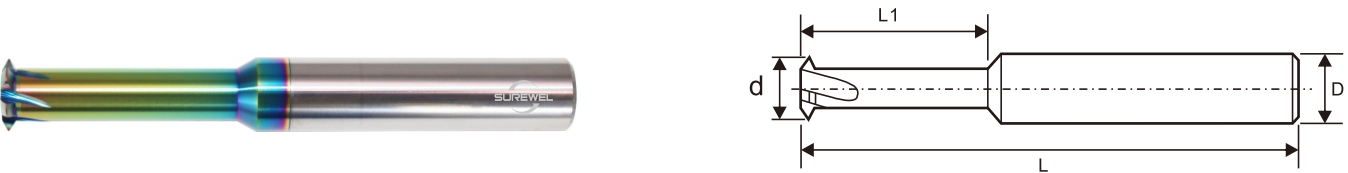
Technical Specification



Specification	TP	d	L1	D	L	F
d1.5*A60	0.2-0.35	1.5	5	4	50	3
d2.0*A60	0.3-0.5	2	6	4	50	3
d2.35*A60	0.3-0.5	2.35	8	4	50	4
d3.0*A60	0.5-0.8	3	9	4	50	3
d3.3*A60	0.5-0.8	3.3	12	4	50	3
d4.0*A60	0.5-1.0	4	12	4	50	4
d4.6*A60	0.5-1.25	4.6	16	6	50	4
d4.8*A60	0.5-1.25	4.8	16	6	50	4
d5.0*A60	0.5-1.25	5	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	75	4
d6.0*A60	0.5-1.25	6	16	6	100	4
d8.0*A60	0.8-1.5	8	25	8	60	4
d8.0*A60	0.8-1.5	8	30	8	75	4
d8.0*A60	0.8-1.5	8	30	8	100	4
d9.4*A60	1.25-2.0	9.4	28	10	75	5
d10*A60	1.25-2.0	10	30	10	75	5
d10*A60	1.25-2.0	10	35	10	100	5
d12*A60	1.0-3.0	12	35	12	75	5
d12*A60	1.0-3.0	11.9	35	12	100	6
d14*A60	2.0-3.0	14	40	14	100	5/6
d16*A60	2.0-4.0	16	45	16	100	5/6
d20*A60	2.0-6.0	20	50	20	100	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
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
												●	●

YZA-DLC01 Metric Single Tooth Thread Milling



Technical Specification



Specification	d	L1	D	L	F	Basic Hole
M0.8*0.2	0.55	2	4	50	3	0.6
M0.9*0.225	0.6	2	4	50	3	0.675
M1*0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.92	2.8	4	50	3	0.95
M1.4*0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	1.21	3.5	4	50	3	1.25
M2*0.4	1.54	6	4	50	3	1.6
M2.5*0.45	1.96	7.5	4	50	3	2.05
M3*0.5	2.4	9	4	50	3	2.5
M4*0.7	3.15	12	4	50	3	3.3
M5*0.8	4	12	4	50	4	4.2
M5*0.8	4	13	6	50	4	4.2
M6*1.0	4.75	15	6	50	4	5
M8*1.25	5.95	20	6	60	4	6.75
M10*1.5	7.9	25	8	60	4	8.5
M12*1.75	9.9	30	10	75	6	10.25
M14*2.0	9.9	30	10	75	6	12
M16*2.0	11.9	35	12	75	6	14
M18*2.5	14	40	14	100	5/6	15.5
M20*2.5	16	45	16	100	5/6	17.5
M24*3.0	16	45	16	100	5/6	21
M30*4.0	20	50	20	100	6	32

Application table of the material to 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
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
												●	●





YZA-DLC01 Metric Single Tooth Thread Milling (Long)



Technical Specification



Specification	d	L1	D	L	F	Basic Hole
M1.6*0.35	1.21	3.5	4	75	3	1.25
M2*0.4	1.54	6	4	75	3	1.6
M2*0.4	1.54	6	4	100	3	1.6
M2.5*0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	1.96	7.5	4	100	3	2.05
M3*0.5	2.4	9	4	75	3	2.5
M3*0.5	2.4	9	4	100	3	2.5
M4*0.7	3.15	12	4	75	4	3.3
M4*0.7	3.15	12	4	100	4	3.3
M5*0.8	4	15	6	75	4	4.2
M5*0.8	4	15	6	100	4	4.2
M6*1.0	4.75	18	6	75	4	5
M6*1.0	4.75	18	6	100	4	5
M8*1.25	5.9	20	6	75	4	6.75
M8*1.25	5.9	25	6	100	4	6.75
M10*1.5	7.9	30	8	75	6	8.5
M10*1.5	7.9	30	8	100	6	8.5
M12*1.75	9.9	35	10	100	6	10.25
M16*2.0	11.9	35	12	100	6	14

Application table of the material to 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
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
												●	●



YZA-DLC01 Metric Single Tooth Thread Milling(A60)



Technical Specification



Specification	TP	d	L1	D	L	F
d1.5*A60	0.2-0.35	1.5	5	4	50	3
d2.0*A60	0.3-0.5	2	6	4	50	3
d2.35*A60	0.3-0.5	2.35	8	4	50	4
d3.0*A60	0.5-0.8	3	9	4	50	3
d3.3*A60	0.5-0.8	3.3	12	4	50	3
d4.0*A60	0.5-1.0	4	12	4	50	4
d4.6*A60	0.5-1.25	4.6	16	6	50	4
d4.8*A60	0.5-1.25	4.8	16	6	50	4
d5.0*A60	0.5-1.25	5	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	75	4
d6.0*A60	0.5-1.25	6	16	6	100	4
d8.0*A60	0.8-1.5	8	25	8	60	4
d8.0*A60	0.8-1.5	8	30	8	75	4
d8.0*A60	0.8-1.5	8	30	8	100	4
d9.4*A60	1.25-2.0	9.4	28	10	75	5
d10*A60	1.25-2.0	10	30	10	75	5
d10*A60	1.25-2.0	10	35	10	100	5
d12*A60	1.0-3.0	12	35	12	75	5
d12*A60	1.0-3.0	11.9	35	12	100	6
d14*A60	2.0-3.0	14	40	14	100	5/6
d16*A60	2.0-4.0	16	45	16	100	5/6
d20*A60	2.0-6.0	20	50	20	100	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
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
												●	●



YZP-3101 Metric Single Tooth Thread Milling



Technical Specification



Specification	d	L1	D	L	F	Basic Hole
M0.8*0.2	0.55	2	4	50	3	0.6
M0.9*0.225	0.6	2	4	50	3	0.675
M1*0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.92	2.8	4	50	3	0.95
M1.4*0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	1.21	3.5	4	50	3	1.25
M2*0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	1.96	5.5	4	50	3	2.05
M3*0.5	2.4	7	4	50	3	2.5
M4*0.7	3.15	8.6	4	50	3	3.3
M5*0.8	4	12	4	50	4	4.2
M5*0.8	4	13	6	50	4	4.2
M6*1.0	4.75	15	6	50	4	5
M8*1.25	5.95	20	6	60	4	6.75
M10*1.5	7.9	25	8	60	4	8.5
M12*1.75	9.9	30	10	75	6	10.25
M14*2.0	9.9	30	10	75	6	12
M16*2.0	11.9	35	12	75	6	14
M18*2.5	14	40	14	100	5/6	15.5
M20*2.5	16	45	16	100	5/6	17.5
M24*3.0	16	45	16	100	5/6	21
M30*4.0	20	50	20	100	6	32

Application table of the material to 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	-
●	●	●	●	●	●	●	○	●	●	○	○	○	○	○

YZP-3101 Metric Single Tooth Thread Milling (Long)



Technical Specification



Specification	d	L1	D	L	F	Basic Hole
M1.6*0.35	1.21	3.5	4	75	3	1.25
M2*0.4	1.54	6	4	75	3	1.6
M2*0.4	1.54	6	4	100	3	1.6
M2.5*0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	1.96	7.5	4	100	3	2.05
M3*0.5	2.4	9	4	75	3	2.5
M3*0.5	2.4	9	4	100	3	2.5
M4*0.7	3.15	12	4	75	4	3.3
M4*0.7	3.15	12	4	100	4	3.3
M5*0.8	4	15	6	75	4	4.2
M5*0.8	4	15	6	100	4	4.2
M6*1.0	4.75	18	6	75	4	5
M6*1.0	4.75	18	6	100	4	5
M8*1.25	5.9	20	6	75	4	6.75
M8*1.25	5.9	25	6	100	4	6.75
M10*1.5	7.9	30	8	75	6	8.5
M10*1.5	7.9	30	8	100	6	8.5
M12*1.75	9.9	35	10	100	6	10.25
M16*2.0	11.9	35	12	100	6	14

Application table of the material to 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	-
●	●	●	●	●	●	●	○	●	●	○	○	○	○	○

YZP-3101 Metric Single Tooth Thread Milling(A60)



Technical Specification



Specification	TP	d	L1	D	L	F
d1.5*A60	0.2-0.35	1.5	5	4	50	3
d2.0*A60	0.3-0.5	2	6	4	50	3
d2.35*A60	0.3-0.5	2.35	8	4	50	3
d3.0*A60	0.5-0.8	3	9	4	50	3
d3.3*A60	0.5-0.8	3.3	12	4	50	3
d4.0*A60	0.5-1.0	4	12	4	50	4
d4.6*A60	0.5-1.25	4.6	16	6	50	4
d4.8*A60	0.5-1.25	4.8	16	6	50	4
d5.0*A60	0.5-1.25	5	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	75	4
d6.0*A60	0.5-1.25	6	16	6	100	4
d8.0*A60	0.8-1.5	8	25	8	60	4
d8.0*A60	0.8-1.5	8	30	8	75	4
d8.0*A60	0.8-1.5	8	30	8	100	4
d9.4*A60	1.25-2.0	9.4	28	10	75	5
d10*A60	1.25-2.0	10	30	10	75	5
d10*A60	1.25-2.0	10	35	10	100	5
d12*A60	1.0-3.0	12	35	12	75	5
d12*A60	1.0-3.0	11.9	35	12	100	5
d14*A60	2.0-3.0	14	40	14	100	6
d16*A60	2.0-4.0	16	45	16	100	5
d20*A60	2.0-6.0	20	50	20	100	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	-
●	●	●	●	●	●	●	○	●	●	○	○		○	○

YZP-4101 Metric Single Tooth Thread Milling



Technical Specification



Specification	d	L1	D	L	F	Basic Hole
M0.8*0.2	0.55	2	4	50	3	0.6
M0.9*0.225	0.6	2	4	50	3	0.675
M1*0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.92	2.8	4	50	3	0.95
M1.4*0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	1.21	3.5	4	50	3	1.25
M2*0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	1.96	5.5	4	50	3	2.05
M3*0.5	2.4	7	4	50	3	2.5
M4*0.7	3.15	8.6	4	50	3	3.3
M5*0.8	4	12	4	50	4	4.2
M5*0.8	4	13	6	50	4	4.2
M6*1.0	4.75	15	6	50	4	5
M8*1.25	5.95	20	6	60	4	6.75
M10*1.5	7.9	25	8	60	4	8.5
M12*1.75	9.9	30	10	75	6	10.25
M14*2.0	9.9	30	10	75	6	12
M16*2.0	11.9	35	12	75	6	14
M18*2.5	14	40	14	100	5/6	15.5
M20*2.5	16	45	16	100	5/6	17.5
M24*3.0	16	45	16	100	5/6	21
M30*4.0	20	50	20	100	6	32

Application table of the material to 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	-
●	●	●	●	●	●	○	○	●	●	○	○			

YZP-4101 Metric Single Tooth Thread Milling (Long)



Technical Specification



Specification	d	L1	D	L	F	Basic Hole
M1.6*0.35	1.21	3.5	4	75	3	1.25
M2*0.4	1.54	6	4	75	3	1.6
M2*0.4	1.54	6	4	100	3	1.6
M2.5*0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	1.96	7.5	4	100	3	2.05
M3*0.5	2.4	9	4	75	3	2.5
M3*0.5	2.4	9	4	100	3	2.5
M4*0.7	3.15	12	4	75	4	3.3
M4*0.7	3.15	12	4	100	4	3.3
M5*0.8	4	15	6	75	4	4.2
M5*0.8	4	15	6	100	4	4.2
M6*1.0	4.75	18	6	75	4	5
M6*1.0	4.75	18	6	100	4	5
M8*1.25	5.9	20	6	75	4	6.75
M8*1.25	5.9	25	6	100	4	6.75
M10*1.5	7.9	30	8	75	6	8.5
M10*1.5	7.9	30	8	100	6	8.5
M12*1.75	9.9	35	10	100	6	10.25
M16*2.0	11.9	35	12	100	6	14

Application table of the material to 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	-
●	●	●	●	●	●	○	○	●	●	○	○			

YZP-4101 Metric Single Tooth Thread Milling(A60)



Technical Specification



Specification	TP	d	L1	D	L	F
d1.5*A60	0.2-0.35	1.5	5	4	50	3
d2.0*A60	0.3-0.5	2	6	4	50	3
d2.35*A60	0.3-0.5	2.35	8	4	50	3
d3.0*A60	0.5-0.8	3	9	4	50	3
d3.3*A60	0.5-0.8	3.3	12	4	50	3
d4.0*A60	0.5-1.0	4	12	4	50	4
d4.6*A60	0.5-1.25	4.6	16	6	50	4
d4.8*A60	0.5-1.25	4.8	16	6	50	4
d5.0*A60	0.5-1.25	5	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	50	4
d6.0*A60	0.5-1.25	6	16	6	75	4
d6.0*A60	0.5-1.25	6	16	6	100	4
d8.0*A60	0.8-1.5	8	25	8	60	4
d8.0*A60	0.8-1.5	8	30	8	75	4
d8.0*A60	0.8-1.5	8	30	8	100	4
d9.4*A60	1.25-2.0	9.4	28	10	75	5
d10*A60	1.25-2.0	10	30	10	75	5
d10*A60	1.25-2.0	10	35	10	100	5
d12*A60	1.0-3.0	12	35	12	75	5
d12*A60	1.0-3.0	11.9	35	12	100	5
d14*A60	2.0-3.0	14	40	14	100	6
d16*A60	2.0-4.0	16	45	16	100	5
d20*A60	2.0-6.0	20	50	20	100	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	-
●	●	●	●	●	●	○	○	●	●	○	○			

YZT-5101 Metric Single Tooth Thread Milling



Technical Specification

M

Carbide

AlTiN+ZrN

Sumitomo



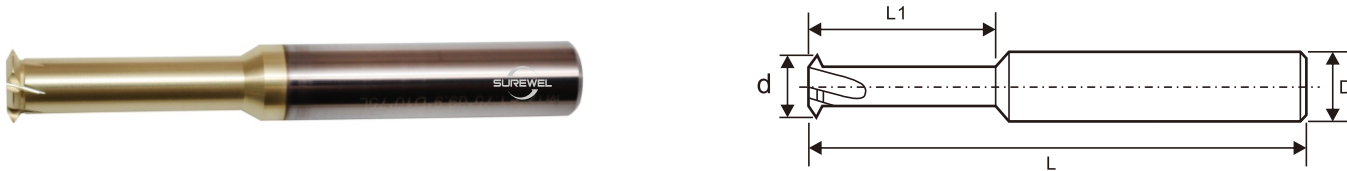




Specification	d	L1	D	L	F	Basic Hole
M0.8*0.2	0.55	2	4	50	3	0.6
M0.9*0.225	0.6	2	4	50	3	0.675
M1*0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.92	2.8	4	50	3	0.95
M1.4*0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	1.21	3.5	4	50	3	1.25
M2*0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	1.96	5.5	4	50	3	2.05
M3*0.5	2.4	7	4	50	3	2.5
M4*0.7	3.15	8.6	4	50	3	3.3
M5*0.8	4	12	4	50	4	4.2
M5*0.8	4	13	6	50	4	4.2
M6*1.0	4.75	15	6	50	4	5
M8*1.25	5.95	20	6	60	4	6.75
M10*1.5	7.9	25	8	60	4	8.5
M12*1.75	9.9	30	10	75	6	10.25
M14*2.0	9.9	30	10	75	6	12
M16*2.0	11.9	35	12	75	6	14
M18*2.5	14	40	14	100	5/6	15.5
M20*2.5	16	45	16	100	5/6	17.5
M24*3.0	16	45	16	100	5/6	21
M30*4.0	20	50	20	100	6	32

Application table of the material to 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	-
○	○	○	○	○	○	○	○	●	○					●

YZT-5101 Metric Single Tooth Thread Milling (Long)



Technical Specification

M

Carbide

AlTiN+ZrN

Sumitomo







Specification	d	L1	D	L	F	Basic Hole
M1.6*0.35	1.21	3.5	4	75	3	1.25
M2*0.4	1.54	6	4	75	3	1.6
M2*0.4	1.54	6	4	100	3	1.6
M2.5*0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	1.96	7.5	4	100	3	2.05
M3*0.5	2.4	9	4	75	3	2.5
M3*0.5	2.4	9	4	100	3	2.5
M4*0.7	3.15	12	4	75	4	3.3
M4*0.7	3.15	12	4	100	4	3.3
M5*0.8	4	15	6	75	4	4.2
M5*0.8	4	15	6	100	4	4.2
M6*1.0	4.75	18	6	75	4	5
M6*1.0	4.75	18	6	100	4	5
M8*1.25	5.9	20	6	75	4	6.75
M8*1.25	5.9	25	6	100	4	6.75
M10*1.5	7.9	30	8	75	6	8.5
M10*1.5	7.9	30	8	100	6	8.5
M12*1.75	9.9	35	10	100	6	10.25
M16*2.0	11.9	35	12	100	6	14

Application table of the material to 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	-
○	○	○	○	○	○	○	○	●	○					●



YZA-2105 Upper and Lower Chamfering Milling



Technical Specification

M

Carbide

Uncoated

Sumitomo





Specification	Free Space	L1	D	L	F
D1.5*90A-d0.9	0.9	4.5	4	50	3
D2*90A-d1.08	1.08	6	4	50	3
D2.5*90A-d1.39	1.39	7.5	4	50	3
D3*90A-d1.72	1.72	9	4	50	3
D3.5*90A-d2.09	2.09	10.5	4	50	3
D4*90A-d2.38	2.38	12	4	50	3
D4.5*90A-d2.48	2.48	13.5	6	50	3
D5*90A-d2.69	2.69	15	6	60	3
D5.5*90A-d2.95	2.95	16	6	60	3
D6*90A-d3.02	3.02	18	6	60	3
D8*90A-d4.7	4.7	24	8	60	4
D10*90A-d6.38	6.38	30	10	75	5
D12*90A-d7.58	7.58	40	12	75	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	Ductile Cast Iron	Copper	Aluminum	Titanium Alloy
C-0.25%	C0.25~0.45%	C-0.45%	SCM	25~35HRC	35~45HRC	45~50HRC	60~60HRC	SUS	SKD	FC	FCD	Cu	AL	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZP-3105 Upper and Lower Chamfering Milling



Technical Specification

M

Carbide

Balzars

Sumitomo





Specification	Free Space	L1	D	L	F
D1.5*90A-d0.9	0.9	4.5	4	50	3
D2*90A-d1.08	1.08	6	4	50	3
D2.5*90A-d1.39	1.39	7.5	4	50	3
D3*90A-d1.72	1.72	9	4	50	3
D3.5*90A-d2.09	2.09	10.5	4	50	3
D4*90A-d2.38	2.38	12	4	50	3
D4.5*90A-d2.48	2.48	13.5	6	50	3
D5*90A-d2.69	2.69	15	6	60	3
D5.5*90A-d2.95	2.95	16	6	60	3
D6*90A-d3.02	3.02	18	6	60	3
D8*90A-d4.7	4.7	24	8	60	4
D10*90A-d6.38	6.38	30	10	75	5
D12*90A-d7.58	7.58	40	12	75	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	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	-
●	●	●	●	●	●	●	○	●	●	○	○	○	○	○

YZP-4105 Upper and Lower Chamfering Milling



Technical Specification



Specification	Free Space	L1	D	L	F
D1.5*90A-d0.9	0.9	4.5	4	50	3
D2*90A-d1.08	1.08	6	4	50	3
D2.5*90A-d1.39	1.39	7.5	4	50	3
D3*90A-d1.72	1.72	9	4	50	3
D3.5*90A-d2.09	2.09	10.5	4	50	3
D4*90A-d2.38	2.38	12	4	50	3
D4.5*90A-d2.48	2.48	13.5	6	50	3
D5*90A-d2.69	2.69	15	6	60	3
D5.5*90A-d2.95	2.95	16	6	60	3
D6*90A-d3.02	3.02	18	6	60	3
D8*90A-d4.7	4.7	24	8	60	4
D10*90A-d6.38	6.38	30	10	75	5
D12*90A-d7.58	7.58	40	12	75	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	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	FC	FCD	Cu	AL
●	●	●	●	●	●	○		●	●	○	○		

YZA-2103 Metric Three Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.25	0.92	3.3	4	50	3	0.95
M1.4*0.3	0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	0.35	1.21	3.5	4	50	3	1.25
M1.8*0.35	0.35	1.4	4	4	50	3	1.45
M2*0.4	0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	0.45	1.96	5.5	4	50	3	2.05
M3*0.5	0.5	2.42	7	4	50	3	2.5
M3.5*0.6	0.6	2.75	9	4	50	3	2.9
M4*0.5	0.5	3.4	8	4	50	3	3.5
M4*0.7	0.7	3.15	10	4	50	3	3.3
M5*0.5	0.5	3.9	8	4	50	3	4.5
M5*0.75	0.75	3.9	8	4	50	3	4.25
M5*0.8	0.8	4	12	6	50	3	4.2
M5*0.8	0.8	3.95	12	4	50	3	4.2
M6*0.5	0.5	4.8	13	6	50	3	5.5
M6*0.75	0.75	5	13	6	50	3	5.25
M6*1.0	1	4.75	13	6	50	3	5
M8*0.5	0.5	5.95	16	6	50	4	7.5
M8*0.75	0.75	5.95	20	6	50	3	7.25
M8*1.0	1	5.9	20	6	60	3	6
M8*1.25	1.25	5.95	17.5	6	50/60	3	6.75
M10*1.0	1	7.9	21	8	60	4	9
M10*1.25	1.25	7.95	21	8	60	4	8.75
M10*1.5	1.5	7.9	22	8	60	4	8.5
M12*1.0	1	9.9	30	10	75	4	11
M12*1.5	1.5	9.9	30	10	75	4	10.5
M12*1.25	1.25	9.9	30	10	75	4	10.75
M12*1.75	1.75	9.9	28	10	75	4	10.25
M14*2.0	2	9.9	28	10	75	4	12
M16*1.5	1.5	11.9	35	12	75	4	4.5
M16*2.0	2	11.9	35	2	75	4	14
M18*2.5	2.5	13.9	40	14	83	5	15.5
M20*2.5	2.5	15.9	50	16	100	6	17.5
M24*3.0	3	15.9	50	16	100	6	21
M30*3.5	3.5	15.9	50	16	100	6	26.5

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	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	FC	FCD	Cu	AL
												●	●

YZA-2103 Metric Three Teeth Thread Milling Cutter(Long)



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	75	3	0.75
M1.4*0.3	0.3	1.05	3.2	4	75	3	1.1
M1.6*0.35	0.35	1.21	5	4	100	3	1.25
M2*0.4	0.4	1.54	6	4	75	3	1.6
M2*0.4	0.4	1.54	6	4	100	3	1.6
M2.5*0.45	0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	0.45	1.96	7.5	4	100	3	2.05
M3*0.5	0.5	2.4	9	4	75	3	2.5
M3*0.5	0.5	2.4	9	4	100	3	2.5
M4*0.7	0.7	3.15	12	4	75	3	3.3
M4*0.7	0.7	3.15	12	4	100	3	3.3
M5*0.8	0.8	4	15	6	75	3	4.2
M5*0.8	0.8	4	15	6	100	3	4.2
M6*1.0	1	4.75	18	6	75	3	5
M6*1.0	1	4.75	18	6	100	3	5
M8*1.25	1.25	5.9	20	6	75	3	6.75
M8*1.25	1.25	5.9	25	6	100	3	6.75
M10*1.5	1.5	7.9	30	8	75	4	8.5
M10*1.5	1.5	7.9	30	8	100	4	8.5
M12*1.75	1.75	9.9	35	10	100	4	10.25
M16*2.0	2	11.9	35	12	100	4	14

Application table of the material to 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
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
												●	●

YZA-DLC03 Metric Three Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.25	0.92	3.3	4	50	3	0.95
M1.4*0.3	0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	0.35	1.21	3.5	4	50	3	1.25
M1.8*0.35	0.35	1.4	4	4	50	3	1.45
M2*0.4	0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	0.45	1.96	5.5	4	50	3	2.05
M3*0.5	0.5	2.42	7	4	50	3	2.5
M3.5*0.6	0.6	2.75	9	4	50	3	2.9
M4*0.5	0.5	3.4	8	4	50	3	3.5
M4*0.7	0.7	3.15	10	4	50	3	3.3
M5*0.5	0.5	3.9	8	4	50	3	4.5
M5*0.75	0.75	3.9	8	4	50	3	4.25
M5*0.8	0.8	4	12	6	50	3	4.2
M5*0.8	0.8	3.95	12	4	50	3	4.2
M6*0.5	0.5	4.8	13	6	50	3	5.5
M6*0.75	0.75	5	13	6	50	3	5.25
M6*1.0	1	4.75	13	6	50	3	5
M8*0.5	0.5	5.95	16	6	50	4	7.5
M8*0.75	0.75	5.95	20	6	50	3	7.25
M8*1.0	1	5.9	20	6	60	3	6
M8*1.25	1.25	5.95	17.5	6	50/60	3	6.75
M10*1.0	1	7.9	21	8	60	4	9
M10*1.25	1.25	7.95	21	8	60	4	8.75
M10*1.5	1.5	7.9	22	8	60	4	8.5
M12*1.0	1	9.9	30	10	75	4	11
M12*1.5	1.5	9.9	30	10	75	4	10.5
M12*1.25	1.25	9.9	30	10	75	4	10.75
M12*1.75	1.75	9.9	28	10	75	4	10.25
M14*2.0	2	9.9	28	10	75	4	12
M16*1.5	1.5	11.9	35	12	75	4	4.5
M16*2.0	2	11.9	35	12	75	4	14
M18*2.5	2.5	13.9	40	14	83	5	15.5
M20*2.5	2.5	15.9	50	16	100	6	17.5
M24*3.0	3	15.9	50	16	100	6	21
M30*3.5	3.5	15.9	50	16	100	6	26.5

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	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	FC	FCD	Cu	AL
												●	●

YZA-DLC03 Metric Three Teeth Thread Milling Cutter(Long)



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	75	3	0.75
M1.4*0.3	0.3	1.05	3.2	4	75	3	1.1
M1.6*0.35	0.35	1.21	5	4	100	3	1.25
M2*0.4	0.4	1.54	6	4	75	3	1.6
M2*0.4	0.4	1.54	6	4	100	3	1.6
M2.5*0.45	0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	0.45	1.96	7.5	4	100	3	2.05
M3*0.5	0.5	2.4	9	4	75	3	2.5
M3*0.5	0.5	2.4	9	4	100	3	2.5
M4*0.7	0.7	3.15	12	4	75	3	3.3
M4*0.7	0.7	3.15	12	4	100	3	3.3
M5*0.8	0.8	4	15	6	75	3	4.2
M5*0.8	0.8	4	15	6	100	3	4.2
M6*1.0	1	4.75	18	6	75	3	5
M6*1.0	1	4.75	18	6	100	3	5
M8*1.25	1.25	5.9	20	6	75	3	6.75
M8*1.25	1.25	5.9	25	6	100	3	6.75
M10*1.5	1.5	7.9	30	8	75	4	8.5
M10*1.5	1.5	7.9	30	8	100	4	8.5
M12*1.75	1.75	9.9	35	10	100	4	10.25
M16*2.0	2	11.9	35	12	100	4	14

Application table of the material to 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
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
●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZP-3103 Metric Three Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.25	0.92	3.3	4	50	3	0.95
M1.4*0.3	0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	0.35	1.21	3.5	4	50	3	1.25
M1.8*0.35	0.35	1.4	4	4	50	3	1.45
M2*0.4	0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	0.45	1.96	5.5	4	50	3	2.05
M3*0.5	0.5	2.42	7	4	50	3	2.5
M3.5*0.6	0.6	2.75	9	4	50	3	2.9
M4*0.5	0.5	3.4	8	4	50	3	3.5
M4*0.7	0.7	3.15	10	4	50	3	3.3
M5*0.5	0.5	3.9	8	4	50	3	4.5
M5*0.75	0.75	3.9	8	4	50	3	4.25
M5*0.8	0.8	4	12	6	50	3	4.2
M5*0.8	0.8	3.95	12	4	50	3	4.2
M6*0.5	0.5	4.8	13	6	50	3	5.5
M6*0.75	0.75	5	13	6	50	3	5.25
M6*1.0	1	4.75	13	6	50	3	5
M8*0.5	0.5	5.95	16	6	50	4	7.5
M8*0.75	0.75	5.95	20	6	50	3	7.25
M8*1.0	1	5.9	20	6	60	3	6
M8*1.25	1.25	5.95	17.5	6	50/60	3	6.75
M10*1.0	1	7.9	21	8	60	4	9
M10*1.25	1.25	7.95	21	8	60	4	8.75
M10*1.5	1.5	7.9	22	8	60	4	8.5
M12*1.0	1	9.9	30	10	75	4	11
M12*1.5	1.5	9.9	30	10	75	4	10.5
M12*1.25	1.25	9.9	30	10	75	4	10.75
M12*1.75	1.75	9.9	28	10	75	4	10.25
M14*2.0	2	9.9	28	10	75	4	12
M16*1.5	1.5	11.9	35	12	75	4	4.5
M16*2.0	2	11.9	35	12	75	4	14
M18*2.5	2.5	13.9	40	14	83	5	15.5
M20*2.5	2.5	15.9	50	16	100	6	17.5
M24*3.0	3	15.9	50	16	100	6	21
M30*3.5	3.5	15.9	50	16	100	6	26.5

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	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	FC	FCD	Cu	AL
●	●	●	●	●	●	●	○	●	●	○	○	○	○

YZP-3103 Metric Three Teeth Thread Milling Cutter(Long)



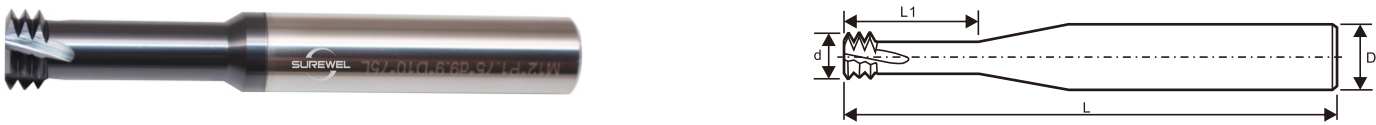
Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	75	3	0.75
M1.4*0.3	0.3	1.05	3.2	4	75	3	1.1
M1.6*0.35	0.35	1.21	5	4	100	3	1.25
M2*0.4	0.4	1.54	6	4	75	3	1.6
M2*0.4	0.4	1.54	6	4	100	3	1.6
M2.5*0.45	0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	0.45	1.96	7.5	4	100	3	2.05
M3*0.5	0.5	2.4	9	4	75	3	2.5
M3*0.5	0.5	2.4	9	4	100	3	2.5
M4*0.7	0.7	3.15	12	4	75	3	3.3
M4*0.7	0.7	3.15	12	4	100	3	3.3
M5*0.8	0.8	4	15	6	75	3	4.2
M5*0.8	0.8	4	15	6	100	3	4.2
M6*1.0	1	4.75	18	6	75	3	5
M6*1.0	1	4.75	18	6	100	3	5
M8*1.25	1.25	5.9	20	6	75	3	6.75
M8*1.25	1.25	5.9	25	6	100	3	6.75
M10*1.5	1.5	7.9	30	8	75	4	8.5
M10*1.5	1.5	7.9	30	8	100	4	8.5
M12*1.75	1.75	9.9	35	10	100	4	10.25
M16*2.0	2	11.9	35	12	100	4	14

Application table of the material to 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	-
●	●	●	●	●	●	●	○	●	●	○	○			○

YZP-4103 Metric Three Teeth Thread Milling Cutter



Technical Specification

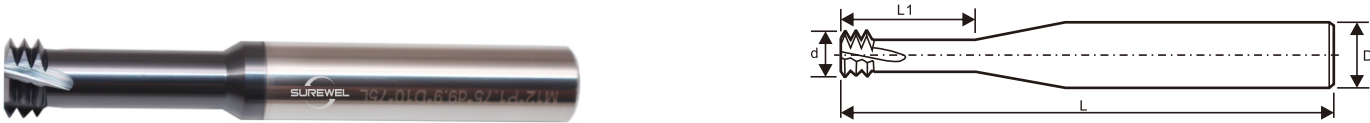


Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.25	0.92	3.3	4	50	3	0.95
M1.4*0.3	0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	0.35	1.21	3.5	4	50	3	1.25
M1.8*0.35	0.35	1.4	4	4	50	3	1.45
M2*0.4	0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	0.45	1.96	5.5	4	50	3	2.05
M3*0.5	0.5	2.42	7	4	50	3	2.5
M3.5*0.6	0.6	2.75	9	4	50	3	2.9
M4*0.5	0.5	3.4	8	4	50	3	3.5
M4*0.7	0.7	3.15	10	4	50	3	3.3
M5*0.5	0.5	3.9	8	4	50	3	4.5
M5*0.75	0.75	3.9	8	4	50	3	4.25
M5*0.8	0.8	4	12	6	50	3	4.2
M5*0.8	0.8	3.95	12	4	50	3	4.2
M6*0.5	0.5	4.8	13	6	50	3	5.5
M6*0.75	0.75	5	13	6	50	3	5.25
M6*1.0	1	4.75	13	6	50	3	5
M8*0.5	0.5	5.95	16	6	50	4	7.5
M8*0.75	0.75	5.95	20	6	50	3	7.25
M8*1.0	1	5.9	20	6	60	3	6
M8*1.25	1.25	5.95	17.5	6	50/60	3	6.75
M10*1.0	1	7.9	21	8	60	4	9
M10*1.25	1.25	7.95	21	8	60	4	8.75
M10*1.5	1.5	7.9	22	8	60	4	8.5
M12*1.0	1	9.9	30	10	75	4	11
M12*1.5	1.5	9.9	30	10	75	4	10.5
M12*1.25	1.25	9.9	30	10	75	4	10.75
M12*1.75	1.75	9.9	28	10	75	4	10.25
M14*2.0	2	9.9	28	10	75	4	12
M16*1.5	1.5	11.9	35	12	75	4	4.5
M16*2.0	2	11.9	35	12	75	4	14
M18*2.5	2.5	13.9	40	14	83	5	15.5
M20*2.5	2.5	15.9	50	16	100	6	17.5
M24*3.0	3	15.9	50	16	100	6	21
M30*3.5	3.5	15.9	50	16	100	6	26.5

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	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	-
●	●	●	●	●	●	○		●	●	○	○			



YZP-103 Metric Three Teeth Thread Milling Cutter(Long)



Technical Specification

M

Carbide

Balzers

Sumitomo

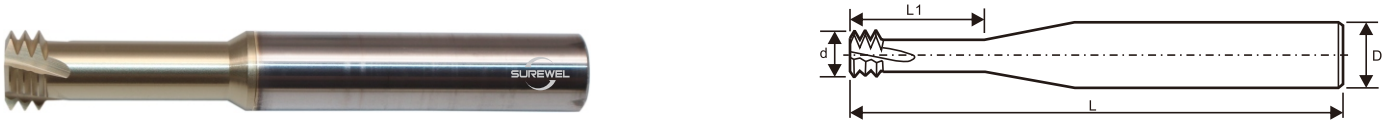




Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	75	3	0.75
M1.4*0.3	0.3	1.05	3.2	4	75	3	1.1
M1.6*0.35	0.35	1.21	5	4	100	3	1.25
M2*0.4	0.4	1.54	6	4	75	3	1.6
M2*0.4	0.4	1.54	6	4	100	3	1.6
M2.5*0.45	0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	0.45	1.96	7.5	4	100	3	2.05
M3*0.5	0.5	2.4	9	4	75	3	2.5
M3*0.5	0.5	2.4	9	4	100	3	2.5
M4*0.7	0.7	3.15	12	4	75	3	3.3
M4*0.7	0.7	3.15	12	4	100	3	3.3
M5*0.8	0.8	4	15	6	75	3	4.2
M5*0.8	0.8	4	15	6	100	3	4.2
M6*1.0	1	4.75	18	6	75	3	5
M6*1.0	1	4.75	18	6	100	3	5
M8*1.25	1.25	5.9	20	6	75	3	6.75
M8*1.25	1.25	5.9	25	6	100	3	6.75
M10*1.5	1.5	7.9	30	8	75	4	8.5
M10*1.5	1.5	7.9	30	8	100	4	8.5
M12*1.75	1.75	9.9	35	10	100	4	10.25
M16*2.0	2	11.9	35	12	100	4	14

Application table of the material to 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
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
●	●	●	●	●	●	○		●	●	○	○		

YZT-5103 Metric Three Teeth Thread Milling Cutter



Technical Specification

M

Carbide

AlTiN+ZrN

Sumitomo





Specification	Tp	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	50	3	0.75
M1.2*0.25	0.25	0.92	3.3	4	50	3	0.95
M1.4*0.3	0.3	1.05	3.2	4	50	3	1.1
M1.6*0.35	0.35	1.21	3.5	4	50	3	1.25
M1.8*0.35	0.35	1.4	4	4	50	3	1.45
M2*0.4	0.4	1.54	4.5	4	50	3	1.6
M2.5*0.45	0.45	1.96	5.5	4	50	3	2.05
M3*0.5	0.5	2.42	7	4	50	3	2.5
M3.5*0.6	0.6	2.75	9	4	50	3	2.9
M4*0.5	0.5	3.4	8	4	50	3	3.5
M4*0.7	0.7	3.15	10	4	50	3	3.3
M5*0.5	0.5	3.9	8	4	50	3	4.5
M5*0.75	0.75	3.9	8	4	50	3	4.25
M5*0.8	0.8	4	12	6	50	3	4.2
M5*0.8	0.8	3.95	12	4	50	3	4.2
M6*0.5	0.5	4.8	13	6	50	3	5.5
M6*0.75	0.75	5	13	6	50	3	5.25
M6*1.0	1	4.75	13	6	50	3	5
M8*0.5	0.5	5.95	16	6	50	4	7.5
M8*0.75	0.75	5.95	20	6	50	3	7.25
M8*1.0	1	5.9	20	6	60	3	6
M8*1.25	1.25	5.95	17.5	6	50/60	3	6.75
M10*1.0	1	7.9	21	8	60	4	9
M10*1.25	1.25	7.95	21	8	60	4	8.75
M10*1.5	1.5	7.9	22	8	60	4	8.5
M12*1.0	1	9.9	30	10	75	4	11
M12*1.5	1.5	9.9	30	10	75	4	10.5
M12*1.25	1.25	9.9	30	10	75	4	10.75
M12*1.75	1.75	9.9	28	10	75	4	10.25
M14*2.0	2	9.9	28	10	75	4	12
M16*1.5	1.5	11.9	35	12	75	4	4.5
M16*2.0	2	11.9	35	12	75	4	14
M18*2.5	2.5	13.9	40	14	83	5	15.5
M20*2.5	2.5	15.9	50	16	100	6	17.5
M24*3.0	3	15.9	50	16	100	6	21
M30*3.5	3.5	15.9	50	16	100	6	26.5

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	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	FC	FCD	Cu	AL
○	○	○	○	○	○	○	○	●	○				



YZT-5103 Metric Three Teeth Thread Milling Cutter(Long)



Technical Specification

M

Carbide

AlTiN+ZrN

Sumitomo

Specification	TP	d	L1	D	L	F	Basic Hole
M1*0.25	0.25	0.73	2.3	4	75	3	0.75
M1.4*0.3	0.3	1.05	3.2	4	75	3	1.1
M1.6*0.35	0.35	1.21	5	4	100	3	1.25
M2*0.4	0.4	1.54	6	4	75	3	1.6
M2*0.4	0.4	1.54	6	4	100	3	1.6
M2.5*0.45	0.45	1.96	7.5	4	75	3	2.05
M2.5*0.45	0.45	1.96	7.5	4	100	3	2.05
M3*0.5	0.5	2.4	9	4	75	3	2.5
M3*0.5	0.5	2.4	9	4	100	3	2.5
M4*0.7	0.7	3.15	12	4	75	3	3.3
M4*0.7	0.7	3.15	12	4	100	3	3.3
M5*0.8	0.8	4	15	6	75	3	4.2
M5*0.8	0.8	4	15	6	100	3	4.2
M6*1.0	1	4.75	18	6	75	3	5
M6*1.0	1	4.75	18	6	100	3	5
M8*1.25	1.25	5.9	20	6	75	3	6.75
M8*1.25	1.25	5.9	25	6	100	3	6.75
M10*1.5	1.5	7.9	30	8	75	4	8.5
M10*1.5	1.5	7.9	30	8	100	4	8.5
M12*1.75	1.75	9.9	35	10	100	4	10.25
M16*2.0	2	11.9	35	12	100	4	14

Application table of the material to 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	-
○	○	○	○	○	○	○	○	●	○	○	○	○	○	○



YZS-6103 Super Metric Three Teeth Thread Milling Cutter



Technical Specification

M

Carbide

OSG  
Coating

Germany

Specification	TP	d	L1	F	D	L
M1*0.25	0.25	0.73	2.3	3	4	50
M1.2*0.25	0.25	0.92	3	3	4	50
M1.4*0.3	0.3	1.05	3.2	3	4	50
M1.6*0.35	0.35	1.21	3.5	3	4	50
M2*0.4	0.4	1.54	4.5	3	4	46
M2.2*0.45	0.45	1.65	5	3	4	46
M2.5*0.45	0.45	1.96	5.5	3	4	46
M3*0.5	0.5	2.42	7	3	4	46
M4*0.7	0.7	3.15	10	3	4	46
M5*0.8	0.8	4.05	12	3	6	55
M6*1.0	1	4.75	15	3	6	55
M8*1.25	1.25	5.9	20	3	6	55
M10*1.5	1.5	7.9	22	4	8	65
M12*1.75	1.75	9.9	28	4	10	75
M12*1.5	1.5	9.9	30	4	10	75
M12*1.25	1.25	9.9	30	4	10	75
M14*2.0	2	9.9	28	4	10	75
M16*2.0	2	11.9	35	4	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	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	-
●	●	●	●	●	●	●	●	●	●	○	○	○	○	○

YZA-2100 Metric Full Teeth Thread Milling Cutter



Technical Specification

M

Carbide

Uncoated

Sumitomo

Specification	TP	d	L1	D	L	F	Basic Hole
M1.6*0.35*d1.2*D4	0.35	1.2	3.5	4	50	3	1.25
M2*0.4-d1.54-D4	0.4	1.54	6	4	50	3	1.6
M2.5*0.45-d1.96-D4	0.45	1.96	6	4	50	3	2.05
M3*0.5-d2.4-D4	0.5	2.4	7.5	4	50	3	2.5
M3.5*0.6*d2.75*D4	0.6	2.75	8.5	4	50	3	2.9
M4*0.5-d3-D4	0.5	3	8	4	50	3	3.5
M4*0.7-d3.15-D4	0.7	3.15	12	4	50	3	3.3
M4.5*0.75-d3.4-D4	0.75	3.4	9	4	50	3	3.75
M5*0.5-d3.9-D4	0.5	3.9	12	4	50	3	4.5
M5*0.8-d3.9-D4	0.8	3.95	12	4	50	3	4.2
M5*0.8-d3.9-D6	0.8	3.9	13	6	50	3	4.2
M6*0.5-d4.8-D6	0.5	4.8	13	6	50	3	5.5
M6*0.75-d3.9-D4	0.75	3.9	12	4	50	3	5.25
M6*0.75-d5.0-D6	0.75	5	17	6	60	3	5.25
M6*d1.0-d3.95-D4	1	3.95	12	4	50	3	5
M6*d1.0-4.75-D6	1	4.75	15	6	50	3	5
M8*0.5-d6.0-D6	0.5	5.9	16	6	60	3	7.5
M8*0.75-d5.95-D6	0.75	5.95	15	6	60	3	7.25
M8*1.0-d5.95-D6	1	5.95	15	6	50	3	7
M8*1.25-d5.9-D6	1.25	5.9	18	6	60	3	6.75
M10*0.5-d7.9-D8	0.5	7.9	20	8	65	4	9.5
M10*0.75-d7.9-D8	0.75	7.9	22	8	65	4	9.25
M10*d1.0-d7.9-D8	1	7.95	22	8	65	4	9
M10*1.25-d7.9-D8	1.25	7.9	20	8	65	4	8.75
M10*1.5-d7.7-D8	1.5	7.7	22	8	65	4	8.5
M10*1.5-d7.7-D8	1.5	7.7	25	8	75	4	8.5
M12*0.5-d9.95-D10	0.5	9.95	25	10	75	4	11.5
M12*0.75-d9.95-D10	0.75	9.95	20	10	75	4	11.25

Application table of the material to 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
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
												●	●

YZA-2100 Metric Full Teeth Thread Milling Cutter



Technical Specification

M

Carbide

Uncoated

Sumitomo

Specification	TP	d	L1	D	L	F	Basic Hole
M12*1.0-d9.9-D10	1	9.9	20	10	65	4	11
D12*1.0-d9.9-D10	1	9.9	28	10	75	4	11
M12*1.25-d9.9-D10	1.25	9.9	25	10	75	4	10.75
M12*1.5-d9.4-D10	1.5	9.4	24	10	75	4	10.5
M12*1.5-d9.9-D10	1.5	9.9	20	10	65	4	10.5
M12*1.75-d9.5-D10	1.75	9.5	25	10	75	4	10.25
M14*0.5-d12-D12	0.5	12	30	12	75	4	13.5
M14*1.0-d11.9-D12	1	11.9	30	12	75	4	13
M14*1.0-d11.9-D12	1	11.9	32	12	83	4	13
M14*1.5-d11.9-D10	1.5	9.9	25	10	75	4	12.5
M14*1.5-d11.2-D12	1.5	11.2	30	12	75	4	12.5
M14*2.0-d9.9-D10	2	9.9	30	10	75	4	12
M14*2.0-d11.2-D12	2	11.2	30	12	75	4	12
M16*1.5-d12-D12	1.5	12	30	12	75	4	14.5
M16*1.5-d11.9-D12	1.5	12	36	12	83	4	14.5
M16*1.5-d13.9-D14	1.5	13.9	33	14	83	4	14.5
M16*2.0-d11.9-D12	2	11.9	30	12	75	4	14
M16*2.0-d12-D12	2	12	35	12	83	4	14
M16*1.0-d13.9-D14	1	13.9	33	14	100	4	15
M18*2.0-d13.9-D14	2	13.9	33	14	100	4	16
M18*2.5-d13.9-D14	2.5	13.9	33	14	100	5	13.5
M20*1.5-d15.95-D16	1.5	15.95	40	16	100	5	14.5
M20*1.0-d16-D16	1	16	40	16	100	5	19
M20*2.0-d16-D16	2	15.95	40	16	100	5	18
M20*2.5-d15.9-D16	2.5	15.9	40	16	100	5	17.5
M24*3.0-d15.9-D16	3	15.9	40	16	100	5	21
M30*2.0-d20-D20	2	20	40	20	100	5	28
M36*4.0-d20-D20	4	20	40	20	100	5	32

Application table of the material to 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
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
												●	●

YZA-DLC00 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	TP	d	L1	D	L	F	Basic Hole
M1.6*0.35*d1.2*D4	0.35	1.2	3.5	4	50	3	1.25
M2*0.4-d1.54-D4	0.4	1.54	6	4	50	3	1.6
M2.5*0.45-d1.96-D4	0.45	1.96	6	4	50	3	2.05
M3*0.5-d2.4-D4	0.5	2.4	7.5	4	50	3	2.5
M3.5*0.6*d2.75*D4	0.6	2.75	8.5	4	50	3	2.9
M4*0.5-d3-D4	0.5	3	8	4	50	3	3.5
M4*0.7-d3.15-D4	0.7	3.15	12	4	50	3	3.3
M4.5*0.75-d3.4-D4	0.75	3.4	9	4	50	3	3.75
M5*0.5-d3.9-D4	0.5	3.9	12	4	50	3	4.5
M5*0.8-d3.9-D4	0.8	3.95	12	4	50	3	4.2
M5*0.8-d3.9-D6	0.8	3.9	13	6	50	3	4.2
M6*0.5-d4.8-D6	0.5	4.8	13	6	50	3	5.5
M6*0.75-d3.9-D4	0.75	3.9	12	4	50	3	5.25
M6*0.75-d5.0-D6	0.75	5	17	6	60	3	5.25
M6*d1.0-d3.95-D4	1	3.95	12	4	50	3	5
M6*d1.0-4.75-D6	1	4.75	15	6	50	3	5
M8*0.5-d6.0-D6	0.5	5.9	16	6	60	3	7.5
M8*0.75-d5.95-D6	0.75	5.95	15	6	60	3	7.25
M8*1.0-d5.95-D6	1	5.95	15	6	50	3	7
M8*1.25-d5.9-D6	1.25	5.9	18	6	60	3	6.75
M10*0.5-d7.9-D8	0.5	7.9	20	8	65	4	9.5
M10*0.75-d7.9-D8	0.75	7.9	22	8	65	4	9.25
M10*d1.0-d7.9-D8	1	7.95	22	8	65	4	9
M10*1.25-d7.9-D8	1.25	7.9	20	8	65	4	8.75
M10*1.5-d7.7-D8	1.5	7.7	22	8	65	4	8.5
M10*1.5-d7.7-D8	1.5	7.7	25	8	75	4	8.5
M12*0.5-d9.95-D10	0.5	9.95	25	10	75	4	11.5
M12*0.75-d9.95-D10	0.75	9.95	20	10	75	4	11.25

Application table of the material to 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
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

YZA-DLC00 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	TP	d	L1	D	L	F	Basic Hole
M12*1.0-d9.9-D10	1	9.9	20	10	65	4	11
D12*1.0-d9.9-D10	1	9.9	28	10	75	4	11
M12*1.25-d9.9-D10	1.25	9.9	25	10	75	4	10.75
M12*1.5-d9.4-D10	1.5	9.4	24	10	75	4	10.5
M12*1.5-d9.9-D10	1.5	9.9	20	10	65	4	10.5
M12*1.75-d9.5-D10	1.75	9.5	25	10	75	4	10.25
M14*0.5-d12-D12	0.5	12	30	12	75	4	13.5
M14*1.0-d11.9-D12	1	11.9	30	12	75	4	13
M14*1.0-d11.9-D12	1	11.9	32	12	83	4	13
M14*1.5-d11.9-D10	1.5	9.9	25	10	75	4	12.5
M14*1.5-d11.2-D12	1.5	11.2	30	12	75	4	12.5
M14*2.0-d9.9-D10	2	9.9	30	10	75	4	12
M14*2.0-d11.2-D12	2	11.2	30	12	75	4	12
M16*1.5-d12-D12	1.5	12	30	12	75	4	14.5
M16*1.5-d11.9-D12	1.5	12	36	12	83	4	14.5
M16*1.5-d13.9-D14	1.5	13.9	33	14	83	4	14.5
M16*2.0-d11.9-D12	2	11.9	30	12	75	4	14
M16*2.0-d12-D12	2	12	35	12	83	4	14
M16*1.0-d13.9-D14	1	13.9	33	14	100	4	15
M18*2.0-d13.9-D14	2	13.9	33	14	100	4	16
M18*2.5-d13.9-D14	2.5	13.9	33	14	100	5	13.5
M20*1.5-d15.95-D16	1.5	15.95	40	16	100	5	14.5
M20*1.0-d16-D16	1	16	40	16	100	5	19
M20*2.0-d16-D16	2	15.95	40	16	100	5	18
M20*2.5-d15.9-D16	2.5	15.9	40	16	100	5	17.5
M24*3.0-d15.9-D16	3	15.9	40	16	100	5	21
M30*2.0-d20-D20	2	20	40	20	100	5	28
M36*4.0-d20-D20	4	20	40	20	100	5	32

Application table of the material to 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
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

YZP-3100 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1.6*0.35*d1.2*D4	0.35	1.2	3.5	4	50	3	1.25
M2*0.4-d1.54-D4	0.4	1.54	5	4	50	3	1.6
M2.5*0.45-d1.96-D4	0.45	1.96	6	4	50	3	2.05
M3*0.5-d2.4-D4	0.5	2.4	7.5	4	50	3	2.5
M3.5*0.6*d2.75*D4	0.6	2.75	8.5	4	50	3	2.9
M4*0.5-d3-D4	0.5	3	8	4	50	3	3.5
M4*0.7-d3.15-D4	0.7	3.15	10	4	50	3	3.3
M4.5*0.75-d3.4-D4	0.75	3.4	9	4	50	3	3.75
M5*0.5-d3.9-D4	0.5	3.9	12	4	50	3	4.5
M5*0.8-d3.9-D4	0.8	3.95	12	4	50	3	4.2
M5*0.8-d3.9-D6	0.8	3.9	13	6	50	3	4.2
M6*0.5-d4.8-D6	0.5	4.8	13	6	50	3	5.5
M6*0.75-d3.9-D4	0.75	3.9	12	4	50	3	5.25
M6*0.75-d5.0-D6	0.75	5	17	6	60	3	5.25
M6*d1.0-d3.95-D4	1	3.95	12	4	50	3	5
M6*d1.0-4.75-D6	1	4.75	13	6	50	3	5
M8*0.5-d6.0-D6	0.5	5.9	16	6	60	3	7.5
M8*0.75-d5.95-D6	0.75	5.95	18	6	60	3	7.25
M8*1.0-d5.95-D6	1	5.95	15	6	50	3	7
M8*1.25-d5.9-D6	1.25	5.9	18	6	60	3	6.75
M10*0.5-d7.9-D8	0.5	7.9	20	8	65	4	9.5
M10*0.75-d7.9-D8	0.75	7.9	22	8	65	4	9.25
M10*d1.0-d7.9-D8	1	7.95	22	8	65	4	9
M10*1.25-d7.9-D8	1.25	7.9	20	8	65	4	8.75
M10*1.5-d7.7-D8	1.5	7.7	22	8	65	4	8.5
M12*0.5-d9.95-D10	0.5	9.9	20	10	75	4	11.5
M12*0.75-d9.95-D10	0.75	9.95	20	10	75	4	11.25
M12*1.0-d9.9-D10	1	9.9	20	10	65	4	11

Application table of the material to 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	-
●	●	●	●	●	●	●	○	●	●	○	○			○

YZP-3100 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
D12*1.0-d9.9-D10	1	9.9	28	10	75	4	11
M12*1.25-d9.9-D10	1.25	9.9	25	10	75	4	10.75
M12*1.5-d9.4-D10	1.5	9.4	24	10	75	4	10.5
M12*1.5-d9.9-D10	1.5	9.9	20	10	65	4	10.5
M12*1.75-d9.5-D10	1.75	9.5	25	10	75	4	10.25
M14*0.5-d12-D12	0.5	12	30	12	75	4	13.5
M14*1.0-d11.9-D12	1	11.9	30	12	75	4	13
M14*1.0-d11.9-D12	1	11.9	32	12	83	4	13
M14*1.5-d11.9-D10	1.5	9.9	25	10	75	4	12.5
M14*1.5-d11.2-D12	1.5	11.2	30	12	75	4	12.5
M14*2.0-d9.9-D10	2	9.9	30	10	75	4	12
M14*2.0-d11.2-D12	2	11.2	30	12	75	4	12
M16*1.5-d12-D12	1.5	12	30	12	75	4	14.5
M16*1.5-d11.9-D12	1.5	12	36	12	83	4	14.5
M16*1.5-d13.9-D14	1.5	13.9	33	14	83	4	14.5
M16*2.0-d11.9-D12	2	11.9	30	12	75	4	14
M16*2.0-d12-D12	2	12	35	12	83	4	14
M16*1.0-d13.9-D14	1	13.9	33	14	100	4	15
M18*2.0-d13.9-D14	2	13.9	33	14	100	4	16
M18*2.5-d13.9-D14	2.5	13.9	33	14	100	5	13.5
M20*1.5-d15.95-D16	1.5	15.95	40	16	100	5	14.5
M20*1.0-d16-D16	1	16	40	16	100	5	19
M20*2.0-d16-D16	2	15.95	40	16	100	5	18
M20*2.5-d15.9-D16	2.5	15.9	40	16	100	5	17.5
M24*3.0-d15.9-D16	3	15.9	40	16	100	5	21
M30*2.0-d20-D20	2	20	40	20	100	5	28
M36*4.0-d20-D20	4	20	40	20	100	5	32

Application table of the material to 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	-
●	●	●	●	●	●	●	○	●	●	○	○			○



YZP-4100 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
M1.6*0.35*d1.2*D4	0.35	1.2	3.5	4	50	3	1.25
M2*0.4-d1.54-D4	0.4	1.54	5	4	50	3	1.6
M2.5*0.45-d1.96-D4	0.45	1.96	6	4	50	3	2.05
M3*0.5-d2.4-D4	0.5	2.4	7.5	4	50	3	2.5
M3.5*0.6*d2.75*D4	0.6	2.75	8.5	4	50	3	2.9
M4*0.5-d3-D4	0.5	3	8	4	50	3	3.5
M4*0.7-d3.15-D4	0.7	3.15	10	4	50	3	3.3
M4.5*0.75-d3.4-D4	0.75	3.4	9	4	50	3	3.75
M5*0.5-d3.9-D4	0.5	3.9	12	4	50	3	4.5
M5*0.8-d3.9-D4	0.8	3.95	12	4	50	3	4.2
M5*0.8-d3.9-D6	0.8	3.9	13	6	50	3	4.2
M6*0.5-d4.8-D6	0.5	4.8	13	6	50	3	5.5
M6*0.75-d3.9-D4	0.75	3.9	12	4	50	3	5.25
M6*0.75-d5.0-D6	0.75	5	17	6	60	3	5.25
M6*d1.0-d3.95-D4	1	3.95	12	4	50	3	5
M6*d1.0-4.75-D6	1	4.75	13	6	50	3	5
M8*0.5-d6.0-D6	0.5	5.9	16	6	60	3	7.5
M8*0.75-d5.95-D6	0.75	5.95	18	6	60	3	7.25
M8*1.0-d5.95-D6	1	5.95	15	6	50	3	7
M8*1.25-d5.9-D6	1.25	5.9	18	6	60	3	6.75
M10*0.5-d7.9-D8	0.5	7.9	20	8	65	4	9.5
M10*0.75-d7.9-D8	0.75	7.9	22	8	65	4	9.25
M10*d1.0-d7.9-D8	1	7.95	22	8	65	4	9
M10*1.25-d7.9-D8	1.25	7.9	20	8	65	4	8.75
M10*1.5-d7.7-D8	1.5	7.7	22	8	65	4	8.5
M12*0.5-d9.95-D10	0.5	9.9	20	10	75	4	11.5
M12*0.75-d9.95-D10	0.75	9.95	20	10	75	4	11.25
M12*1.0-d9.9-D10	1	9.9	20	10	65	4	11

Application table of the material to 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	-
●	●	●	●	●	●	○		●	●	○	○			

YZP-4100 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F	Basic Hole
D12*1.0-d9.9-D10	1	9.9	28	10	75	4	11
M12*1.25-d9.9-D10	1.25	9.9	25	10	75	4	10.75
M12*1.5-d9.4-D10	1.5	9.4	24	10	75	4	10.5
M12*1.5-d9.9-D10	1.5	9.9	20	10	65	4	10.5
M12*1.75-d9.5-D10	1.75	9.5	25	10	75	4	10.25
M14*0.5-d12-D12	0.5	12	30	12	75	4	13.5
M14*1.0-d11.9-D12	1	11.9	30	12	75	4	13
M14*1.0-d11.9-D12	1	11.9	32	12	83	4	13
M14*1.5-d11.9-D10	1.5	9.9	25	10	75	4	12.5
M14*1.5-d11.2-D12	1.5	11.2	30	12	75	4	12.5
M14*2.0-d9.9-D10	2	9.9	30	10	75	4	12
M14*2.0-d11.2-D12	2	11.2	30	12	75	4	12
M16*1.5-d12-D12	1.5	12	30	12	75	4	14.5
M16*1.5-d11.9-D12	1.5	12	36	12	83	4	14.5
M16*1.5-d13.9-D14	1.5	13.9	33	14	83	4	14.5
M16*2.0-d11.9-D12	2	11.9	30	12	75	4	14
M16*2.0-d12-D12	2	12	35	12	83	4	14
M16*1.0-d13.9-D14	1	13.9	33	14	100	4	15
M18*2.0-d13.9-D14	2	13.9	33	14	100	4	16
M18*2.5-d13.9-D14	2.5	13.9	33	14	100	5	13.5
M20*1.5-d15.95-D16	1.5	15.95	40	16	100	5	14.5
M20*1.0-d16-D16	1	16	40	16	100	5	19
M20*2.0-d16-D16	2	15.95	40	16	100	5	18
M20*2.5-d15.9-D16	2.5	15.9	40	16	100	5	17.5
M24*3.0-d15.9-D16	3	15.9	40	16	100	5	21
M30*2.0-d20-D20	2	20	40	20	100	5	28
M36*4.0-d20-D20	4	20	40	20	100	5	32

Application table of the material to 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	-
●	●	●	●	●	●	○		●	●	○	○			

YZT-5100 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	TP	d	L1	D	L	F	Basic Hole
M1.6*0.35*d1.2*D4	0.35	1.2	3.5	4	50	3	1.25
M2*0.4-d1.54-D4	0.4	1.54	5	4	50	3	1.6
M2.5*0.45-d1.96-D4	0.45	1.96	6	4	50	3	2.05
M3*0.5-d2.4-D4	0.5	2.4	7.5	4	50	3	2.5
M3.5*0.6*d2.75*D4	0.6	2.75	8.5	4	50	3	2.9
M4*0.5-d3-D4	0.5	3	8	4	50	3	3.5
M4*0.7-d3.15-D4	0.7	3.15	10	4	50	3	3.3
M4.5*0.75-d3.4-D4	0.75	3.4	9	4	50	3	3.75
M5*0.5-d3.9-D4	0.5	3.9	12	4	50	3	4.5
M5*0.8-d3.9-D4	0.8	3.95	12	4	50	3	4.2
M5*0.8-d3.9-D6	0.8	3.9	13	6	50	3	4.2
M6*0.5-d4.8-D6	0.5	4.8	13	6	50	3	5.5
M6*0.75-d3.9-D4	0.75	3.9	12	4	50	3	5.25
M6*0.75-d5.0-D6	0.75	5	17	6	60	3	5.25
M6*d1.0-d3.95-D4	1	3.95	12	4	50	3	5
M6*d1.0-4.75-D6	1	4.75	13	6	50	3	5
M8*0.5-d6.0-D6	0.5	5.9	16	6	60	3	7.5
M8*0.75-d5.95-D6	0.75	5.95	18	6	60	3	7.25
M8*1.0-d5.95-D6	1	5.95	15	6	50	3	7
M8*1.25-d5.9-D6	1.25	5.9	18	6	60	3	6.75
M10*0.5-d7.9-D8	0.5	7.9	20	8	65	4	9.5
M10*0.75-d7.9-D8	0.75	7.9	22	8	65	4	9.25
M10*d1.0-d7.9-D8	1	7.95	22	8	65	4	9
M10*1.25-d7.9-D8	1.25	7.9	20	8	65	4	8.75
M10*1.5-d7.7-D8	1.5	7.7	22	8	65	4	8.5
M12*0.5-d9.95-D10	0.5	9.9	20	10	75	4	11.5
M12*0.75-d9.95-D10	0.75	9.95	20	10	75	4	11.25
M12*1.0-d9.9-D10	1	9.9	20	10	65	4	11

Application table of the material to 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	-	-
○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	●

YZT-5100 Metric Full Teeth Thread Milling Cutter



Technical Specification



Specification	TP	d	L1	D	L	F	Basic Hole
D12*1.0-d9.9-D10	1	9.9	28	10	75	4	11
M12*1.25-d9.9-D10	1.25	9.9	25	10	75	4	10.75
M12*1.5-d9.4-D10	1.5	9.4	24	10	75	4	10.5
M12*1.5-d9.9-D10	1.5	9.9	20	10	65	4	10.5
M12*1.75-d9.5-D10	1.75	9.5	25	10	75	4	10.25
M14*0.5-d12-D12	0.5	12	30	12	75	4	13.5
M14*1.0-d11.9-D12	1	11.9	30	12	75	4	13
M14*1.0-d11.9-D12	1	11.9	32	12	83	4	13
M14*1.5-d11.9-D10	1.5	9.9	25	10	75	4	12.5
M14*1.5-d11.2-D12	1.5	11.2	30	12	75	4	12.5
M14*2.0-d9.9-D10	2	9.9	30	10	75	4	12
M14*2.0-d11.2-D12	2	11.2	30	12	75	4	12
M16*1.5-d12-D12	1.5	12	30	12	75	4	14.5
M16*1.5-d11.9-D12	1.5	12	36	12	83	4	14.5
M16*1.5-d13.9-D14	1.5	13.9	33	14	83	4	14.5
M16*2.0-d11.9-D12	2	11.9	30	12	75	4	14
M16*2.0-d12-D12	2	12	35	12	83	4	14
M16*1.0-d13.9-D14	1	13.9	33	14	100	4	15
M18*2.0-d13.9-D14	2	13.9	33	14	100	4	16
M18*2.5-d13.9-D14	2.5	13.9	33	14	100	5	13.5
M20*1.5-d15.95-D16	1.5	15.95	40	16	100	5	14.5
M20*1.0-d16-D16	1	16	40	16	100	5	19
M20*2.0-d16-D16	2	15.95	40	16	100	5	18
M20*2.5-d15.9-D16	2.5	15.9	40	16	100	5	17.5
M24*3.0-d15.9-D16	3	15.9	40	16	100	5	21
M30*2.0-d20-D20	2	20	40	20	100	5	28
M36*4.0-d20-D20	4	20	40	20	100	5	32

Application table of the material to 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	-	-
○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	●

YZA-T101 30° T-thread milling cutter



Technical Specification

INCH

Carbide

Uncoated

Sumitomo



Specification	d	A	L1	D	L
TR8*1.5	6.0	30°	20	6	50
TR9*1.5	6.0	30°	20	6	50
TR9*2	6.4	30°	20	8	50
TR10*2	6.4	30°	20	8	50
TR11*2	6.4	30°	20	8	50
TR12*2	9.4	30°	35	10	75
TR14*2	9.4	30°	35	10	75
TR16*2	9.4	30°	35	10	75
TR18*2	9.4	30°	35	10	75
TR20*2	9.4	30°	35	10	75
TR11*3	7.4	30°	25	8	60
TR12*3	7.4	30°	25	8	60
TR14*3	7.4	30°	25	8	60
TR14*3	10.0	30°	35	10	75
TR22*3	10.0	30°	35	10	75
TR24*3	10.0	30°	35	10	75
TR26*3	10.0	30°	35	10	75
TR28*3	10.0	30°	35	10	75
TR30*3	10.0	30°	35	10	75
TR16*4	11.0	30°	38	12	75
TR18*4	11.0	30°	38	12	75
TR20*4	11.0	30°	38	12	75
TR22*5	14.0	30°	50	14	100
TR24*5	14.0	30°	50	14	100
TR26*5	14.0	30°	50	14	100
TR28*5	14.0	30°	50	14	100

Application table of the material to 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	-
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

YZP-T401 30° T-thread milling cutter



Technical Specification

UNC

Carbide

Balzers

Sumitomo

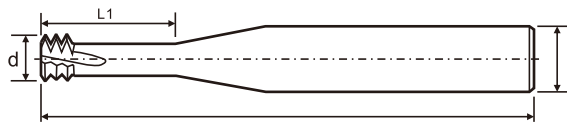


Specification	d	A	L1	D	L
TR8*1.5	6.0	30°	20	6	50
TR9*1.5	6.0	30°	20	6	50
TR9*2	6.4	30°	20	8	50
TR10*2	6.4	30°	20	8	50
TR11*2	6.4	30°	20	8	50
TR12*2	9.4	30°	35	10	75
TR14*2	9.4	30°	35	10	75
TR16*2	9.4	30°	35	10	75
TR18*2	9.4	30°	35	10	75
TR20*2	9.4	30°	35	10	75
TR11*3	7.4	30°	25	8	60
TR12*3	7.4	30°	25	8	60
TR14*3	7.4	30°	25	8	60
TR14*3	10.0	30°	35	10	75
TR22*3	10.0	30°	35	10	75
TR24*3	10.0	30°	35	10	75
TR26*3	10.0	30°	35	10	75
TR28*3	10.0	30°	35	10	75
TR30*3	10.0	30°	35	10	75
TR16*4	11.0	30°	38	12	75
TR18*4	11.0	30°	38	12	75
TR20*4	11.0	30°	38	12	75
TR22*5	14.0	30°	50	14	100
TR24*5	14.0	30°	50	14	100
TR26*5	14.0	30°	50	14	100
TR28*5	14.0	30°	50	14	100

Application table of the material to 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	-
●	●	●	●	●	●	○	○	●	●	○	○	●	●	●



YZP-9103 MJ Military Thread Milling Cutter



Technical Specification

M

Carbide

Balzars

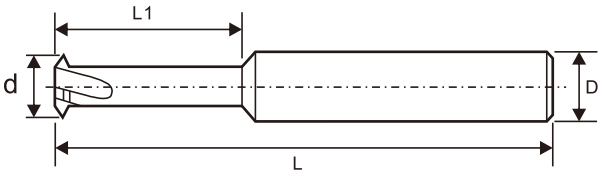
Sumitomo

Specification	Tp	d	L1	F	D	L
MJ3*0.5	0.5	2.42	9	3	4	50
MJ3.5*0.6	0.6	2.75	9	3	4	50
MJ4*0.7	0.7	3.15	12	3	4	50
MJ5*0.8	0.8	4.05	15	3	6	50
MJ6*1.0	1	4.8	18	3	6	50
MJ8*1.25	1.25	5.95	20	3	6	60
MJ8*1.0	1	5.95	20	3	6	60
MJ10*1.5	1.5	7.95	25	4	8	60
MJ10*1.25	1.25	7.95	25	4	8	60
MJ12*1.75	1.75	9.9	30	4	10	75
MJ12*1.5	1.5	9.95	30	4	10	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	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	-
●	●	●	●	●	●	●	○	●	●	○	○		○	○



YZA-G101 Single Tooth Thread Milling(G55)



Technical Specification

G55

Carbide

Uncoated

Sumitomo

Specification	Tp	d	L1	D	L	F
d3.0*G55	0.5-1.0	4	9	4	50	3
d4.0*G55	0.5-1.0	4	12	4	50	4
d4.6*G55	0.5-1.25	4.6	16	6	50	4
d4.8*G55	0.5-1.25	4.8	16	6	50	4
d5.0*G55	0.5-1.25	5	16	6	50	4
d6.0*G55	0.5-1.25	6	16	6	50	4
d8.0*G55	1.0-2.0	8	25	8	60	4
d8.0*G55	1.0-2.0	8	30	8	75	4
d8.0*G55	1.0-2.0	8	30	8	100	4
d10*G55	1.0-2.5	10	30	10	75	5/6
d12*G55	2.0-2.5	12	35	12	75	5
d15.95*G55	2.0-3.0	15.95	45	16	100	6
d5.95*G55	0.5-1.25	5.95	15	6	50	4
d7.95*G55	1.0-2.0	7.95	25	8	60	4
d9.95*G55	1.0-2.5	9.95	30	10	75	4
d11.95*G55	2.0-2.5	11.95	35	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	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	-
												●	●	-

YZA-GDLC Single Tooth Thread Milling(G55)



Technical Specification

G55

Carbide

DLC

Sumitomo







Specification	Tp	d	L1	D	L	F
d3.0*G55	0.5-1.0	4	9	4	50	3
d4.0*G55	0.5-1.0	4	12	4	50	4
d4.6*G55	0.5-1.25	4.6	16	6	50	4
d4.8*G55	0.5-1.25	4.8	16	6	50	4
d5.0*G55	0.5-1.25	5	16	6	50	4
d6.0*G55	0.5-1.25	6	16	6	50	4
d8.0*G55	1.0-2.0	8	25	8	60	4
d8.0*G55	1.0-2.0	8	30	8	75	4
d8.0*G55	1.0-2.0	8	30	8	100	4
d10*G55	1.0-2.5	10	30	10	75	5/6
d12*G55	2.0-2.5	12	35	12	75	5
d15.95*G55	2.0-3.0	15.95	45	16	100	6
d5.95*G55	0.5-1.25	5.95	15	6	50	4
d7.95*G55	1.0-2.0	7.95	25	8	60	4
d9.95*G55	1.0-2.5	9.95	30	10	75	4
d11.95*G55	2.0-2.5	11.95	35	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	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	-
												●	●	-

YZP-G301 Single Tooth Thread Milling(G55)



Technical Specification

G55

Carbide

Balzers

Sumitomo







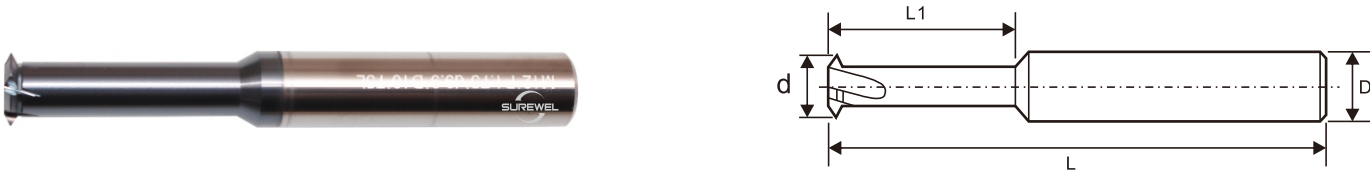
Specification	Tp	d	L1	D	L	F
d3.0*G55	0.5-1.0	4	9	4	50	3
d4.0*G55	0.5-1.0	4	12	4	50	4
d4.6*G55	0.5-1.25	4.6	16	6	50	4
d4.8*G55	0.5-1.25	4.8	16	6	50	4
d5.0*G55	0.5-1.25	5	16	6	50	4
d6.0*G55	0.5-1.25	6	16	6	50	4
d8.0*G55	1.0-2.0	8	25	8	60	4
d8.0*G55	1.0-2.0	8	30	8	75	4
d8.0*G55	1.0-2.0	8	30	8	100	4
d10*G55	1.0-2.5	10	30	10	75	5/6
d12*G55	2.0-2.5	12	35	12	75	5
d15.95*G55	2.0-3.0	15.95	45	16	100	6
d5.95*G55	0.5-1.25	5.95	15	6	50	4
d7.95*G55	1.0-2.0	7.95	25	8	60	4
d9.95*G55	1.0-2.5	9.95	30	10	75	4
d11.95*G55	2.0-2.5	11.95	35	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	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	-
●	●	●	●	●	●	●	○	●	●	○	○			○





YZP-G401 Single Tooth Thread Milling(G55)



Technical Specification



Specification	TP	d	L1	D	L	F
d3.0*G55	0.5-1.0	4	9	4	50	3
d4.0*G55	0.5-1.0	4	12	4	50	4
d4.6*G55	0.5-1.25	4.6	16	6	50	4
d4.8*G55	0.5-1.25	4.8	16	6	50	4
d5.0*G55	0.5-1.25	5	16	6	50	4
d6.0*G55	0.5-1.25	6	16	6	50	4
d8.0*G55	1.0-2.0	8	25	8	60	4
d8.0*G55	1.0-2.0	8	30	8	75	4
d8.0*G55	1.0-2.0	8	30	8	100	4
d10*G55	1.0-2.5	10	30	10	75	5/6
d12*G55	2.0-2.5	12	35	12	75	5
d15.95*G55	2.0-3.0	15.95	45	16	100	6
d5.95*G55	0.5-1.25	5.95	15	6	50	4
d7.95*G55	1.0-2.0	7.95	25	8	60	4
d9.95*G55	1.0-2.5	9.95	30	10	75	4
d11.95*G55	2.0-2.5	11.95	35	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	Castiron	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	FC	FCD	Cu	AL
●	●	●	●	●	●	○		●	●	○	○		



YZBA-6200 Taper Pipe Thread BSPT(RC)



Technical Specification



Specification	d	L1	D	F	L	Basic Hole
RC1/16-28	5.8	12	6	3	60	6.7
RC1/8-28	7.9	20	8	3	65	8.7
RC1/8-28	7.95	15	8	4	60	8.7
RC1/4-19	9.9	26.7	10	4	75	11.8
RC1/4-19	9.95	20	10	4	75	11.8
RC3/8-19	11.9	30	12	4	75	15.2
RC3/8-19	11.9	20	12	4	75	15.2
RC1/2-14/RC3/4	11.9	33	12	4	83	19
RC1/2-14/RC3/4	11.9	25	12	4	75	19
RC1/2-14/RC3/4	15.9	40	16	5	100	19
RC1/2-14/RC3/4	15.9	30	16	5	100	19
RC1-11	15.9	42	16	5	100	30.7
RC1-11	15.9	30	16	5	100	30.7
RC1-11	19.9	41.5	20	5	100	30.7
RC1-11	19.9	35	20	5	100	30.7

Application table of the material to 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
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
												●	●

YZBP-6400 Taper Pipe Thread BSPT(RC)



Technical Specification



Specification	d	L1	D	F	L	Basic Hole
RC1/16-28	5.8	12	6	3	60	6.7
RC1/8-28	7.9	20	8	3	65	8.7
RC1/8-28	7.95	15	8	4	60	8.7
RC1/4-19	9.9	26.7	10	4	75	11.8
RC1/4-19	9.95	20	10	4	75	11.8
RC3/8-19	11.9	30	12	4	75	15.2
RC3/8-19	11.9	20	12	4	75	15.2
RC1/2-14/RC3/4	11.9	33	12	4	83	19
RC1/2-14/RC3/4	11.9	25	12	4	75	19
RC1/2-14/RC3/4	15.9	40	16	5	100	19
RC1/2-14/RC3/4	15.9	30	16	5	100	19
RC1-11	15.9	42	16	5	100	30.7
RC1-11	15.9	30	16	5	100	30.7
RC1-11	19.9	41.5	20	5	100	30.7
RC1-11	19.9	35	20	5	100	30.7

YZBP-6300 Taper Pipe Thread BSPT(RC)



Technical Specification

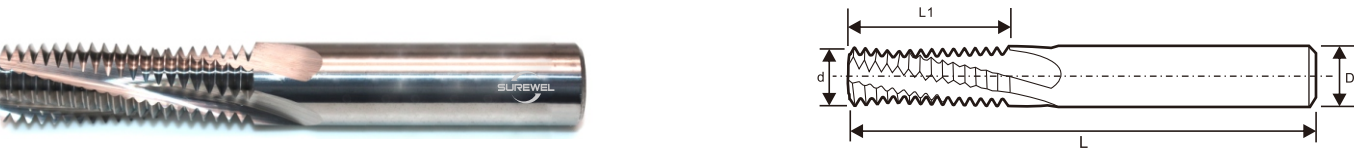


Specification	d	L1	D	F	L	Basic Hole
RC1/16-28	5.8	12	6	3	60	6.7
RC1/8-28	7.9	20	8	3	65	8.7
RC1/8-28	7.95	15	8	4	60	8.7
RC1/4-19	9.9	26.7	10	4	75	11.8
RC1/4-19	9.95	20	10	4	75	11.8
RC3/8-19	11.9	30	12	4	75	15.2
RC3/8-19	11.9	20	12	4	75	15.2
RC1/2-14/RC3/4	11.9	33	12	4	83	19
RC1/2-14/RC3/4	11.9	25	12	4	75	19
RC1/2-14/RC3/4	15.9	40	16	5	100	19
RC1/2-14/RC3/4	15.9	30	16	5	100	19
RC1-11	15.9	42	16	5	100	30.7
RC1-11	15.9	30	16	5	100	30.7
RC1-11	19.9	41.5	20	5	100	30.7
RC1-11	19.9	35	20	5	100	30.7

Application table of the material to 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	-
●	●	●	●	●	●	●	○	●	●	○	○		○	○

YZBA-7200 Straight Pipe Thread BSP(G)



Technical Specification

BSP  
G

Carbide

Uncoated

Sumitomo





Specification	d	L1	D	F	L	Basic Hole
G1/16-28	5.8	17	6	3	60	6.7
G1/8-28	7.7	20	8	4	60	8.7
G1/4-19	9.9	27	10	4	75	11.8
G1/4-19	10	20	10	4	75	11.8
G3/8-19	11.9	26.7	12	4	75	15.2
G3/8-19	12	25	12	4	75	15.2
G1/2-14/G3/4	11.9	35	12	4	83	19
G1/2-14-G3/4	11.9	30	12	4	75	19
G1/2-14-G3/4	15.7	40	16	5	100	19
G1-11	16	42	16	5	100	30.7
G1-11	19.9	42	20	5	100	30.7

Application table of the material to 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
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
●	●	●	○	○	○	○	○	○	○	○	○	○	○

YZBP-7400 Straight Pipe Thread BSP(G)



Technical Specification

BSP  
G

Carbide

Balzers

Sumitomo





Specification	d	L1	D	F	L	Basic Hole
G1/16-28	5.8	17	6	3	60	6.7
G1/8-28	7.7	20	8	4	60	8.7
G1/4-19	9.9	27	10	4	75	11.8
G1/4-19	10	20	10	4	75	11.8
G3/8-19	11.9	26.7	12	4	75	15.2
G3/8-19	12	25	12	4	75	15.2
G1/2-14/G3/4	11.9	35	12	4	83	19
G1/2-14-G3/4	11.9	30	12	4	75	19
G1/2-14-G3/4	15.7	40	16	5	100	19
G1-11	16	42	16	5	100	30.7
G1-11	19.9	42	20	5	100	30.7

Application table of the material to 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
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
●	●	●	●	●	●	○	○	●	●	○	○	○	○

YZBP-7300 Straight Pipe Thread BSP(G)



Technical Specification

BSP G Carbide Balzers Sumitomo

Specification	d	L1	D	F	L	Basic Hole
G1/16-28	5.8	17	6	3	60	6.7
G1/8-28	7.7	20	8	4	60	8.7
G1/4-19	9.9	27	10	4	75	11.8
G1/4-19	10	20	10	4	75	11.8
G3/8-19	11.9	26.7	12	4	75	15.2
G3/8-19	12	25	12	4	75	15.2
G1/2-14/G3/4	11.9	35	12	4	83	19
G1/2-14-G3/4	11.9	30	12	4	75	19
G1/2-14-G3/4	15.7	40	16	5	100	19
G1-11	16	42	16	5	100	30.7
G1-11	19.9	42	20	5	100	30.7

YZPU-2103 UNC Three Teeth Thread Milling Cutter



Technical Specification

UNC Carbide Uncoated Sumitomo

Specification	TP	d	L1	D	L	F
UNC1-64	64	1.4	4	4	50	3
UNF1-72	72	1.44	3.8	4	50	3
UNF0-80	80	1.18	3.5	4	50	3
UNC3-48	48	1.9	5	4	50	3
UNC8-36	36	3.31	11	4	50	3
UNC10-24	24	3.58	11	4	50	3
UNF10-32	32	3.8	12	4	50	3
UNC2-56	56	1.65	5	4	50	3
UNC6-32	32	2.56	7.5	4	50	3
UNC4-40	40	2.13	6	4	50	3
UNC4-40	40	2.13	8.2	4	50	3
UNC8-32	32	3.2	11	4	50	3
UNF1/4-28	28	5	15	6	50	3
UNC5/16-24	24	5.95	18	6	60	3
UNC5/16-24	24	6.88	21	8	65	3
UNC1/4-20	20	4.87	14	6	50	3
UNC5/16-18	18	5.9	18	6	50	3
UNC3/8-16	16	7.65	0	8	60	3
UNF3/8-24	24	7.4	20	8	60	4
UNC1/2-13	13	9.9	25	10	75	4
UNF7/16-20	20	9.5	28	10	75	4
UNC7/16-14	14	9	28	10	75	4
UNC9/16-18	18	11.9	30	12	75	4
UNF9/16-24	24	11.9	29	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	Castiron	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	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
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
												●	●



YZPU-3103 UNC Three Teeth Thread Milling Cutter



Technical Specification



Specification	TP	d	L1	D	L	F
UNC1-64	64	1.4	4	4	50	3
UNF1-72	72	1.44	3.8	4	50	3
UNF0-80	80	1.18	3.5	4	50	3
UNC3-48	48	1.9	5	4	50	3
UNC8-36	36	3.31	11	4	50	3
UNC10-24	24	3.58	11	4	50	3
UNF10-32	32	3.8	12	4	50	3
UNC2-56	56	1.65	5	4	50	3
UNC6-32	32	2.56	7.5	4	50	3
UNC4-40	40	2.13	6	4	50	3
UNC4-40	40	2.13	8.2	4	50	3
UNC8-32	32	3.2	11	4	50	3
UNF1/4-28	28	5	15	6	50	3
UNC5/16-24	24	5.95	18	6	60	3
UNC5/16-24	24	6.88	21	8	65	3
UNC1/4-20	20	4.87	14	6	50	3
UNC5/16-18	18	5.9	18	6	50	3
UNC3/8-16	16	7.65	Ø	8	60	3
UNF3/8-24	24	7.4	20	8	60	4
UNC1/2-13	13	9.9	25	10	75	4
UNF7/16-20	20	9.5	28	10	75	4
UNC7/16-14	14	9	28	10	75	4
UNC9/16-18	18	11.9	30	12	75	4
UNF9/16-24	24	11.9	29	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	Castiron	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	FC	FCD	Cu	AL
●	●	●	●	●	●	●	○	●	●	○	○	○	○

YZPU-4103 UNC Three Teeth Thread Milling Cutter



Technical Specification



Specification	TP	d	L1	D	L	F
UNC1-64	64	1.4	4	4	50	3
UNF1-72	72	1.44	3.8	4	50	3
UNF0-80	80	1.18	3.5	4	50	3
UNC3-48	48	1.9	5	4	50	3
UNC8-36	36	3.31	11	4	50	3
UNC10-24	24	3.58	11	4	50	3
UNF10-32	32	3.8	12	4	50	3
UNC2-56	56	1.65	5	4	50	3
UNC6-32	32	2.56	7.5	4	50	3
UNC4-40	40	2.13	6	4	50	3
UNC4-40	40	2.13	8.2	4	50	3
UNC8-32	32	3.2	11	4	50	3
UNF1/4-28	28	5	15	6	50	3
UNC5/16-24	24	5.95	18	6	60	3
UNC5/16-24	24	6.88	21	8	65	3
UNC1/4-20	20	4.87	14	6	50	3
UNC5/16-18	18	5.9	18	6	50	3
UNC3/8-16	16	7.65	Ø	8	60	3
UNF3/8-24	24	7.4	20	8	60	4
UNC1/2-13	13	9.9	25	10	75	4
UNF7/16-20	20	9.5	28	10	75	4
UNC7/16-14	14	9	28	10	75	4
UNC9/16-18	18	11.9	30	12	75	4
UNF9/16-24	24	11.9	29	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	Castiron	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	FC	FCD	Cu	AL
●	●	●	●	●	●	○	○	●	●	○	○	○	○



YZAU-2100    UNC Full Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F
UNC8-32	32	3.2	11	4	50	3
UNC10-32	32	3.8	10	4	50	3
UNC3-32	32	2.56	8	4	50	3
UNC10-24	24	3.6	11	4	50	3
UNC4-40	40	2.13	7	4	50	3
UNC2-56	56	1.65	6	4	50	3
UNC1/4-20	20	4.9	13	6	50	3
UNC5/16-18	18	6	17	6	60	3
UNC3/8-16	16	7.65	20	8	65	3
UNC7/16-14	14	7.6	23.6	8	60	4
UNC1/2-13	13	9.5	25	10	75	4
UNC5/8-11	11	11.95	35	12	83	4
UNC9/16-12	12	11.8	28.6	12	75	4
UNC3/4-20	20	11.9	30	12	75	4
UNC3/4-10	10	14.5	40	16	100	5
UNC7/8-9	9	15.95	45	16	100	4
UNC1-8	8	16	40	16	100	5
UNF1/4-28	28	4.6	15	6	50	3
UNF5/16-24	24	5.9	17	6	60	3
UNF5/16-24	24	6.88	21	8	65	3
UNF5/8-18	18	7.95	20	8	65	4
UNF3/8-32	32	7.9	20	8	65	4
UNF3/8-24	24	7.4	20	8	65	4
UNF7/16-28	28	7.9	20	8	60	4
UNF1/2-20	20	9.9	25	10	75	4
UNF9/16-18	18	10	30	10	75	4
UNF7/16-20	20	8.5	23	10	75	4
UNF3/4-20	20	9.95	25	10	75	4
UNF9/16-24	24	11.9	30	12	75	4
UNF9/16-18	18	11.95	30	12	83	4
UNF7/8-14	14	12	30	12	75	4
UNF7/8-28	28	12	25	12	75	4
UNF3/4-16	16	12	28	12	75	4
UNF3/4-16	16	15.9	40	16	100	5
UNF7/8-14	14	15.9	40	16	100	5
UNF1-12	12	16	40	16	100	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	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	FC	FCD	Cu	AL
												●	●

YZPU-3100    Full Teeth Thread Milling Cutter



Technical Specification



Specification	Tp	d	L1	D	L	F
UNC8-32	32	3.2	11	4	50	3
UNC10-32	32	3.8	10	4	50	3
UNC3-32	32	2.56	8	4	50	3
UNC10-24	24	3.6	11	4	50	3
UNC4-40	40	2.13	7	4	50	3
UNC2-56	56	1.65	6	4	50	3
UNC1/4-20	20	4.9	13	6	50	3
UNC5/16-18	18	6	17	6	60	3
UNC3/8-16	16	7.65	20	8	65	3
UNC7/16-14	14	7.6	23.6	8	60	4
UNC1/2-13	13	9.5	25	10	75	4
UNC5/8-11	11	11.95	35	12	83	4
UNC9/16-12	12	11.8	28.6	12	75	4
UNC3/4-20	20	11.9	30	12	75	4
UNC3/4-10	10	14.5	40	16	100	5
UNC7/8-9	9	15.95	45	16	100	4
UNC1-8	8	16	40	16	100	5
UNF1/4-28	28	4.6	15	6	50	3
UNF5/16-24	24	5.9	17	6	60	3
UNF5/16-24	24	6.88	21	8	65	3
UNF5/8-18	18	7.95	20	8	65	4
UNF3/8-32	32	7.9	20	8	65	4
UNF3/8-24	24	7.4	20	8	65	4
UNF7/16-28	28	7.9	20	8	60	4
UNF1/2-20	20	9.9	25	10	75	4
UNF9/16-18	18	10	30	10	75	4
UNF7/16-20	20	8.5	23	10	75	4
UNF3/4-20	20	9.95	25	10	75	4
UNF9/16-24	24	11.9	30	12	75	4
UNF9/16-18	18	11.95	30	12	83	4
UNF7/8-14	14	12	30	12	75	4
UNF7/8-28	28	12	25	12	75	4
UNF3/4-16	16	12	28	12	75	4
UNF3/4-16	16	15.9	40	16	100	5
UNF7/8-14	14	15.9	40	16	100	5
UNF1-12	12	16	40	16	100	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	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	FC	FCD	Cu	AL
●	●	●	●	●	●	●	○	●	●	○	○		



YZPU-4100 UNC Full Teeth Thread Milling Cutter



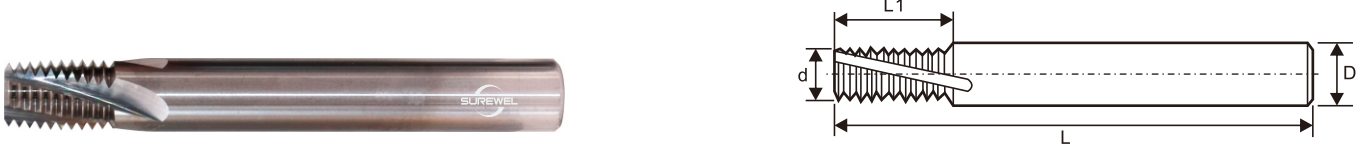
Technical Specification



Specification	Tp	d	L1	D	L	F
UNC8-32	32	3.2	11	4	50	3
UNC10-32	32	3.8	10	4	50	3
UNC3-32	32	2.56	8	4	50	3
UNC10-24	24	3.6	11	4	50	3
UNC4-40	40	2.13	7	4	50	3
UNC2-56	56	1.65	6	4	50	3
UNC1/4-20	20	4.9	13	6	50	3
UNC5/16-18	18	6	17	6	60	3
UNC3/8-16	16	7.65	20	8	65	3
UNC7/16-14	14	7.6	23.6	8	60	4
UNC1/2-13	13	9.5	25	10	75	4
UNC5/8-11	11	11.95	35	12	83	4
UNC9/16-12	12	11.8	28.6	12	75	4
UNC3/4-20	20	11.9	30	12	75	4
UNC3/4-10	10	14.5	40	16	100	5
UNC7/8-9	9	15.95	45	16	100	4
UNC1-8	8	16	40	16	100	5
UNF1/4-28	28	4.6	15	6	50	3
UNF5/16-24	24	5.9	17	6	60	3
UNF5/16-24	24	6.88	21	8	65	3
UNF5/8-18	18	7.95	20	8	65	4
UNF3/8-32	32	7.9	20	8	65	4
UNF3/8-24	24	7.4	20	8	65	4
UNF7/16-28	28	7.9	20	8	60	4
UNF1/2-20	20	9.9	25	10	75	4
UNF9/16-18	18	10	30	10	75	4
UNF7/16-20	20	8.5	23	10	75	4
UNF3/4-20	20	9.95	25	10	75	4
UNF9/16-24	24	11.9	30	12	75	4
UNF9/16-18	18	11.95	30	12	83	4
UNF7/8-14	14	12	30	12	75	4
UNF7/8-28	28	12	25	12	75	4
UNF3/4-16	16	12	28	12	75	4
UNF3/4-16	16	15.9	40	16	100	5
UNF7/8-14	14	15.9	40	16	100	5
UNF1-12	12	16	40	16	100	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	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	-
●	●	●	●	●	●	○		●	●	○	○			

YZNA-8200 Cone Pipe Thread NPT(NPTF)



Technical Specification



Specification	d	L1	D	F	L	Basic Hole
NPT1/16-27	5.3	10	6	60	3	6.3
NPT1/8-27	7.95	15	8	65	3	8.5
NPT1/4-18	9.9	15.5	10	75	4	11.1
NPT3/8-18	11.9	16	12	75	4	14.5
NPT1/2-14	11.9	25	12	83	4	17.7
NPT3/4-14	11.9	25	12	83	4	23
NPT1/2-14	15.95	30	16	100	5	17.7
NPT1-11.5	15.9	33	16	100	5	29
NPT1-11.5	19.9	33	20	100	5	29
NPTF1/16-27	5.9	10	6	50	3	6.3
NPTF1/8-27	7.65	15	8	60	4	8.4
NPTF1/4-18	9.9	14.8	10	75	4	11.1
NPTF3/8-18	11.15	14.8	12	75	4	14.7
NPTF1/2-14	15.95	25	16	100	5	17.9
NPTF1-11.5	19.6	23	20	100	5	29

Application table of the material to 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	-
								●	●			●	●	-

YZNP-8400 Cone Pipe Thread NPT(NPTF)



Technical Specification



Specification	d	L1	D	F	L	Basic Hole
NPT1/16-27	5.3	10	6	60	3	6.3
NPT1/8-27	7.95	15	8	65	3	8.5
NPT1/4-18	9.9	15.5	10	75	4	11.1
NPT3/8-18	11.9	16	12	75	4	14.5
NPT1/2-14	11.9	25	12	83	4	17.7
NPT3/4-14	11.9	25	12	83	4	23
NPT1/2-14	15.95	30	16	100	5	17.7
NPT1-11.5	15.9	33	16	100	5	29
NPT1-11.5	19.9	33	20	100	5	29
NPTF1/16-27	5.9	10	6	50	3	6.3
NPTF1/8-27	7.65	15	8	60	4	8.4
NPTF1/4-18	9.9	14.8	10	75	4	11.1
NPTF3/8-18	11.15	14.8	12	75	4	14.7
NPTF1/2-14	15.95	25	16	100	5	17.9
NPTF1-11.5	19.6	23	20	100	5	29

YZNP-8300 Cone Pipe Thread NPT(NPTF)



Technical Specification



Specification	d	L1	D	F	L	Basic Hole
NPT1/16-27	5.3	10	6	60	3	6.3
NPT1/8-27	7.95	15	8	65	3	8.5
NPT1/4-18	9.9	15.5	10	75	4	11.1
NPT3/8-18	11.9	16	12	75	4	14.5
NPT1/2-14	11.9	25	12	83	4	17.7
NPT3/4-14	11.9	25	12	83	4	23
NPT1/2-14	15.95	30	16	100	5	17.7
NPT1-11.5	15.9	33	16	100	5	29
NPT1-11.5	19.9	33	20	100	5	29
NPTF1/16-27	5.9	10	6	50	3	6.3
NPTF1/8-27	7.65	15	8	60	4	8.4
NPTF1/4-18	9.9	14.8	10	75	4	11.1
NPTF3/8-18	11.15	14.8	12	75	4	14.7
NPTF1/2-14	15.95	25	16	100	5	17.9
NPTF1-11.5	19.6	23	20	100	5	29

Application table of the material to 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)														
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●	●	●	●	●	●	●	○	●	●	○	○			○



Metric Screw Threads(NRT)

Thread Size	For JIS Class 1 Drill Hole Dia		For JIS Class 2 Drill Hole Dia	
	RH	MIN~MAX	RH	MIN~MAX
	Precision	Thread Overlap Ratio: %	Precision	Thread Overlap Ratio: %
M1x0. 25	2	0.87~0.89(100~85)	4	0.90~0.92(100~80)
M1.2x0. 25	2	1.07~1.09(100~85)	4	1.10~1.12(100~80)
M1.4x0. 3	2	1.244~1.263(100~85)	4	1.27~1.294(100~80)
M1.6x0. 35	2	1.40~1.44(100~80)	4	1.44~1.48(100~75)
M1.7x0. 35	2	1.51~1.54(100~80)	4	1.54~1.58(100~75)
M2x0. 4	2	1.78~1.82(100~80)	4	1.81~1.85(100~75)
M2.3x0. 4	2	2.08~2.12(100~80)	4	2.11~2.15(100~75)
M2.5x0. 45	2	2.25~2.29(100~80)	4	2.28~2.33(100~75)
M2.6x0. 45	2	2.35~2.39(100~80)	4	2.38~2.43(100~75)
M3x0. 5	3	2.74~2.78(100~80)	5	2.76~2.81(100~75)
M3.5x0. 6	3	3.18~3.21(100~85)	5	3.20~3.26(100~75)
M4x0. 7	4	3.63~3.67(100~85)	6	3.65~3.70(100~85)
M5x0. 8	4	4.57~4.62(100~85)	6	4.59~4.66(100~80)
M6x1.0	4	5.45~5.51(100~85)	7	5.48~5.57(100~80)
M7x1.0	4	6.45~6.51(100~85)	7	6.48~6.57(100~80)
M8x1. 25	5	7.31~7.38(100~85)	7	7.34~7.41(100~85)
M10x1. 5	5	9.16~9.22(100~90)	7	9.18~9.28(100~85)
M12x1. 75	5	11.01~11.08(100~90)	8	11.05~11.15(100~85)
M14x2. 0	6	12.83~12.95(100~90)	10	12.92~13.04(100~85)
M16x2. 0	6	14.87~14.95(100~90)	10	14.92~15.04(100~85)

NRT Hole Diameter Calculating Mode

1.dN=D-P*0.45 2.dN=D-0.2P-0.00403*P*f1+0.0127*n Eg:M3*0.5 RH6 JISClass 2 drill hole thread overlap rratio 90% dN=3-0.2*0.5-0.00403*0.5*90+0.0127 *6=2.79	dN=Hole diameter D=Diameter P=Pitch f1=Thread overlap ratio n=RH
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Unified Coarse Threads(NRT)

Thread Size	For Class 2B Drill Hole Dia			For JIS Class 2 Drill Hole Dia		
	Major Diameter	Pitch Thread	RH	MIN~MAX		MIN~MAX
			Precision	Thread Overlap Ratio: %	Precision	Thread Overlap Ratio: %
NO.0~80UNF	1.524	0.3175	4	1.38~1.41(100~65)	3	1.36~1.40(100~65)
1~72UNF	1.854	0.3528	4	1.68~1.72(100~65)	3	1.67~1.71(100~65)
1~64UNC	1.854	0.3969	4	1.66~1.70(100~65)	3	1.65~1.69(100~65)
2~56UNC	2.184	0.4536	4	1.96~2.02(100~65)	3	1.95~2.01(100~65)
2~64UNF	2.184	0.3969	4	1.98~2.04(100~65)	3	1.97~2.03(100~65)
3~48UNC	2.514	0.5292	4	2.25~2.32(100~65)	3	2.23~2.31(100~65)
3~56UNF	2.514	0.4536	4	2.29~2.35(100~65)	3	2.28~1.34(100~65)
4~40UNC	2.844	0.635	5	2.52~2.60(100~70)	3	2.50~2.58(100~70)
4~48UNF	2.844	0.5292	4	2.57~2.64(100~70)	3	2.56~2.63(100~70)
6~32UNC	3.504	0.7938	5	3.09~3.17(100~75)	3	3.06~3.14(100~75)
6~40UNF	3.504	0.635	5	3.19~3.26(100~70)	3	3.16~3.22(100~75)
8~32UNC	4.164	0.7938	6	3.75~3.83(100~75)	3	3.74~3.82(100~75)
8~36UNF	4.164	0.7056	5	3.80~3.88(100~75)	3	3.79~3.86(100~75)
10~24UNC	4.824	1.0583	6	4.26~4.35(100~80)	4	4.24~4.32(100~80)
10~32UNF	4.824	0.7938	5	4.41~4.48(100~80)	4	4.40~4.46(100~80)
12~24UNC	5.484	1.0583	6	4.92~5.01(100~80)	4	4.90~4.96(100~85)
12~28UNF	5.484	0.9071	5	5.00~5.08(100~80)	4	4.99~5.06(100~80)
1/4~20UNC	6.35	1.27	6	5.66~5.76(100~80)	4	5.64~5.74(100~80)
1/4~28UNF	6.35	0.9071	5	5.86~5.93(100~80)	4	5.85~5.92(100~80)
5/16~18UNC	7.9375	1.4111	7	7.18~7.29(100~80)	5	7.15~7.24(100~85)
5/16~24UNF	7.9375	1.0583	6	7.38~7.46(100~80)	5	7.36~7.43(100~85)
3/8~16UNC	9.525	1.5875	7	8.66~8.78(100~80)	5	8.63~8.73(100~85)
3/8~24UNF	9.525	1.0583	6	8.96~9.05(100~80)	5	8.95~9.02(100~85)
7/16~14UNC	11.1125	1.814	7	10.11~10.25(100~80)	5	10.08~10.19(100~85)
7/16~20UNF	11.1125	1.27	7	10.44~10.54(100~80)	5	10.41~10.49(100~85)
1/2~13UNC	12.7	1.9538	8	11.62~11.78(100~80)	6	11.60~11.68(100~90)
1/2~20UNF	12.7	1.27	7	12.02~12.12(100~80)	5	12.00~12.05(100~90)
5/8~11UNC	15.875	2.3091	11	14.62~14.76(100~85)	8	14.58~14.67(100~90)
5/8~18UNF	15.875	1.4111	9	15.14~15.25(100~80)	7	15.11~15.17(100~90)



Metric Screw Threads

Metric Screw Threads Specification		Standard Hole Dia	For JIS Class 2 Drill Hole Dia	
			MAX	MIN
M1	0.25	0.75	0.785	0.729
M1.1	0.25	0.85	0.885	0.829
M1.2	0.25	0.95	0.985	0.929
M1.4	0.3	1.1	1.142	1.075
M1.6	0.35	1.25	1.321	1.221
M1.7	0.35	1.35	1.421	1.321
M1.8	0.35	1.45	1.521	1.421
M2	0.4	1.6	1.679	1.567
M2.2	0.45	1.75	1.838	1.713
M2.3	0.4	1.9	1.979	1.867
M2.5	0.45	2.1	2.138	2.013
M2.6	0.45	2.2	2.238	2.113
M3	0.5	2.5	2.599	2.459
M3.5	0.6	2.9	3.01	2.85
M4	0.7	3.3	3.422	3.242
M4.5	0.75	3.8	3.878	3.688
M5	0.8	4.2	4.334	4.134
M6	1.0	5	5.153	4.917
M7	1.0	6	6.153	5.917
M8	1.25	6.8	6.912	6.647
M8	1.0	7	7.153	6.917
M9	1.25	7.8	7.912	7.647
M10	1.5	8.5	8.676	8.376
M10	1.25	8.8	8.912	8.647
M10	1.0	9	9.153	8.917
M11	1.5	9.5	9.676	9.376
M12	1.75	10.3	10.441	10.106
M12	1.5	10.5	10.676	10.376
M12	1.25	10.8	10.912	10.647
M12	1.0	11	11.153	10.917
M14	2.0	12	12.21	11.835
M14	1.5	12.5	12.676	12.376
M14	1.0	13	13.153	12.917
M16	2.0	14	14.21	13.835
M16	1.5	14.5	14.676	14.376
M16	1.0	15	15.153	14.917

Unified Coarse Threads

Unifide Coarse Threads Specification(UNF)		Standard Hole Dia	For JIS Class 2 Drill Hole Dia	
			MAX	MIN
N0.1	-64	1.55	1.582	1.425
N0.2	-56	1.8	1.871	1.695
N0.3	-48	2.05	2.146	1.941
N0.4	-40	2.3	2.385	2.157
N0.5	-40	2.6	2.697	2.487
N0.6	-32	2.8	2.895	2.642
N0.8	-32	3.4	3.53	3.302
N0.10	-24	3.9	3.962	3.683
N0.12	-24	4.5	4.597	4.344
1/4	-20	5.1	5.257	4.979
5/16	-18	6.6	6.731	6.401
3/8	-16	8	8.153	7.798
7/16	-14	9.4	9.55	9.144
1/2	-13	10.9	11.023	10.592
9/16	-12	12.2	12.466	11.989
5/8	-11	13.6	13.868	13.386

Unifide Coarse Threads Specification(UNF)		Standard Hole Dia	For JIS Class 2 Drill Hole Dia	
			MAX	MIN
N0.0	-80	1.25	1.305	1.182
N0.1	-72	1.55	1.612	1.474
N0.2	-64	1.85	1.912	1.756
N0.3	-56	2.1	2.197	2.025
N0.4	-48	2.4	2.458	2.271
N0.5	-44	2.7	2.74	2.551
N0.6	-40	2.9	3.022	2.82
N0.8	-36	3.5	3.606	3.404
N0.10	-32	4.1	4.165	3.963
N0.12	-28	4.6	4.724	4.496
1/4	-28	5.5	5.588	5.36
5/16	-24	6.9	7.035	6.782
3/8	-24	8.5	8.636	8.382
7/16	-20	9.9	10.033	9.729
1/2	-20	11.5	11.607	11.329
9/16	-18	12.9	13.081	12.751
5/8	-18	14.5	14.681	14.351





Metric Screw Threads

Specification(M)	Drilling Size		Suitable Drill Dia	Specification(M)	Drilling Size		Suitable Drill Dia
	MIN	MIX			MIN	MIX	
ST2.5x0.45	2.6	2.65	2.6	ST10x1.0	10.25	10.42	10.3
ST2.6x0.45	2.7	2.75	2.7	ST10x1.25	10.31	10.52	10.4
ST3x0.5	3.12	3.2	3.15	ST12x1.25	12.31	12.52	12.5
ST4x0.7	4.17	4.3	4.2	ST12x1.5	12.37	12.62	12.5
ST5x0.8	5.16	5.33	5.2	ST14x1.5	14.37	14.62	14.5
ST6x1.0	6.25	6.42	6.3	ST16x1.5	16.37	16.62	16.5
ST8x1.25	8.31	8.52	8.4	ST18x1.5	18.37	18.62	18.5
ST10x1.5	10.37	10.62	10.5	ST20x1.5	20.37	20.62	20.4
ST12x1.75	12.43	12.73	12.5	ST20x2.0	20.47	20.83	20.5
ST14x2.0	14.49	14.83	14.5	ST22x1.5	22.37	22.62	22.5
ST16x2.0	16.49	16.83	16.5	ST24x1.5	27.37	24.62	24.5
ST18x2.5	18.58	19.04	19.0	ST24x2.0	24.47	24.83	24.5
ST20x2.5	20.58	21.04	21.0	ST27x1.5	27.33	27.56	27.4
ST22x2.5	22.58	23.04	23.0	ST30x1.5	30.37	30.62	30.5
ST24x3.0	24.7	25.25	25.0				
ST27x3.0	27.65	28.05	27.8				
ST28x3.5	30.76	31.2	31.0				

Unified Coarse Screw Threads

Specification(UNC)	Drilling Size		Suitable Drill Dia	Specification(M)	Drilling Size		Suitable Drill Dia
	MIN	MIX			MIN	MIX	
STN0.2-56	2.29	2.39	2.3	STN0.4-48	2.97	3.05	3.0
STN0.3-48	2.64	2.74	2.7	STN0.6-40	3.66	3.78	3.7
STN0.4-40	2.95	3.07	3.0	STN0.8-36	4.32	4.44	4.4
STN0.5-40	3.25	3.38	3.3	STN0.10-32	4.98	5.13	5.0
STN0.6-32	3.66	3.81	3.7	ST1/4-28	6.53	6.71	6.6
STN0.8-32	4.32	4.47	4.4	ST5/16-24	8.2	8.38	8.2
STN0.10-24	5.05	5.21	5.1	ST3/8-24	9.78	9.96	9.8
STN0.12-24	5.61	5.77	5.7	ST7/16-20	11.43	11.63	11.5
ST1/4-20	6.63	6.78	6.7	ST1/2-20	13.03	13.26	13.1
ST5/16-18	8.33	8.48	8.4	ST9/16-18	14.66	14.88	14.7
ST3/8-16	9.91	1.11	10.0	ST5/8-18	16.26	16.48	16.3
ST7/16-14	11.51	11.75	11.5	ST3/4-19	19.43	19.68	19.5
ST1/2-13	13.08	13.34	13.1	ST7/8-14	22.61	22.86	22.7
ST9/16-12	14.68	14.94	14.7	ST1-12	25.76	26.04	26.0

Conversion Table

Threads Per Inch	Pitch of Thread (mm)
100	0.254
80	0.3175
72	0.3528
64	0.3969
60	0.4233
56	0.4536
48	0.5292
44	0.5773
40	0.635
36	0.7056
32	0.7938
28	0.9071
24	1.0583
20	1.27
18	1.4111
16	1.5875
14	1.8143
13	1.9538
12	2.1167

UNC ExternalDiameter Conversion table

Specification(UNC)	Inch	Metric (mm)
N0.0	0.06	1.524
1	0.073	1.854
2	0.086	2.184
3	0.099	2.515
4	0.112	2.845
5	0.125	3.175
6	0.138	3.505
8	0.164	4.166
10	0.190	4.826
12	0.216	5.486

Tapping Speed

Work Material		Forming Tap(v)	Pointed Tap(v)	Flued Tap(v)	Straight Fluted Tap(v)
Low Carbon Steel	C~0.2%	8~13	15~25	8~13	8~13
Medium Carbon Steel	C0.25%~0.40%	7~10	10~15	7~12	7~12
High Carbon Steel	C0.45%~	5~8	8~13	6~9	6~9
Alloy Steel	SCM	5~8	10~15	7~12	7~12
Stainless Steel	SUS	5~10	8~13	5~8	4~7
Copper	CU	7~12	7~12	6~11	6~9
Brass-Brass Casting	Bs・BsC	7~12	15~25	10~20	10~15
Bronze-Bronze Casting	PB・PBC	7~12	10~15	7~12	7~12
Wrought Aluminum Alloy	AL	10~20	15~25	10~20	10~20
Aluminum Alloy Casting	AC・ADC	10~15	15~20	10~15	10~15
Zinc Casting	ZDC	7~12	10~15	7~12	7~12

The Main Problem,Reason and Slove Way While Tapping

N0.	Problem	Reason	Solution
1	Taps Brokem	1.The bottom hole is too small ; 2.Taps quality is not good ; 3.Drilling depth is not enough when tapping in blind hole ; 4.Tapping speed is too fast ; 5.The taps and bottom hole's shaft is different ; 6.The workpiece material is not stable,some parts have airhole and the hardness is different ; 7.Excessive tapping torque ; 8.Chip packing.	1.Increase bottom hole diameter ; 2.Choose better taps ; 3.Increase drilling depth ; 4.Reduce tapping speed ; 5.Calibration fixture,choose float tapping chuck ; 6.Choose better material ; 7.Improve sharpness of cutting edges ; 8.Extra chip room.
2	Taps gear damaged	1.Taps quality is not good ; 2.Cutting speed is not suitable.	1.Choose better taps ; 2.Choose suitable cutting speed.
3	Taps'abrasion is fast	1.Tapping speed is too high ; 2.Taps quality is not good ; 3.Cutting fluid is not suitalbe ; 4.Workpiece's hardness is too high.	1.Reduce tapping ; 2.Choose better taps ; 3.Choose good lubricity cutting fluid ; 4.Workpiece proper heat treatment or change the tap material.
4	Thread diameter is too big	1.Taps accuracy is not suitable ; 2.Cutting fluid is not suitable ; 3.Tapping speed is too high ; 4.The taps and bottom hole's shaft is different ; 5.Taps stich crumbs ; 6.Burr in tap grinding ; 7.Cutting edges too sharp.	1.Choose proper accuracy ; 2.Choose proper cutting fluid ; 3.Reduce cutting speed ; 4.Calibration fixture,choose float tapping chuck ; 5.Choose suitable taps and coating ; 6.Reduce number of flutes to provide extra chip room ; 7.Select taps with blunt cutting edge.
5	Pitch diameter is too small	1.Taps accuracy is not suitable ; 2.Cutting fluid is not suitable ; 3.Shape of tapping material:Hollow materials and mild sheet steels with punched holes which have "a spring back" action after taping.	1.Choose proper accuracy ; 2.Choose good lubricity's cutting fluid ; 3.Select bigger tap limit.
6	Thread surface is not smooth,wavy	1.Taps'quality is not good ; 2.The workpiece is too soft ; 3.Cutting fluid is not suitable ; 4.Tapping speed is too high ; 5.Left-over chips after drilling.	1.Choose better taps ; 2.Do heat treatment to improve workpiece hardness ; 3.Choose good lubricity's cutting fluid ; 4.Reduce cutting speed ; 5.Remove chips before tapping.

Calculation Formulafor Cutting Conditions

Revolution(N)	Feeding Speed	Tapping Speed(V)
$N = \frac{1,000V}{\pi d} \text{ (rpm)}$	$F = \frac{f \cdot Z \cdot N(D \pm d)}{D} \text{ (mm/min)}$	$V = \frac{\pi d N}{1,000} \text{ (M/min)}$
<div>1. Female Screw(-) 2. Male Screw(+) 3. Tapping speed of TIN coated tap can increase by 30%. 4. Tapping speed should reduce by 20-30% when tapping depth ≥2D.</div>		<div>D: Processing diameter(mm) d: Tap diameter(mm) z: Feed times f: Amount of feed(mm) V: Tapping speed(m/min) N: Revolution(rpm) π: 3.1415</div>

The Main Problem,Reason and Slove Way While Tapping

Problems	Possible Reasons	Improvement Measures	If Need to Verified Taps or Not
The inner thread pitch diameter is too big (gauge no go-end all go through)	Unsuitable taps	Choose suitable accuary taps	No need to verify taps,check if taps match with crafts.
	Tap and plug do not match	Choose suitable taps and plug gauge(eg:taps RH7 should match plug gauge 6H)	No need to verify taps,check taps and plug's label.
	Cutting jam	1.Choose spiral flute taps.point taps; 2.Choose less chip flutes,bigger capacity taps; 3.Increase bottom hole diameter; 4.Increase bottom hole diameter when tapping blind hole; 5.Change cutting fluid types and watering way	According to current crafts,no need to consider verification, Only new crafts happem similar case.
	Unsuitable processing condition	1.Motify cutting speed; 2.Avoid taps and bottom hole in different shaft; 3.Taps or cutting material adopt floating fixed mode; 4.Adopt proper cutting speed to avoid excessive cutting; 5.Using forced feeding method; 6.Choose suitable processing machine; 7.To prevent the tap vibration.	The present condition is suitable and these factors can be verified one by one,no need to verify taps.
	Bond	1.Choose oxidation treated or other kind of treated taps; 2.Choose good anti adhesion's cutting fluid; 3.Reduce cutting speed.	No need to verify taps,require operator to check taps regularly.
Other factors are mormal but gauge no go-end all to through	The upper,down,on both sides of the tap thread side together removal of excess material	1.The match gap between non screw feeding machine's and the splined shaft need to be checked regularly,to reduce the resistance or spindle feed rate; 2.Screw feeding machine need to be motified periodically and check the gap between screw and screw nut.	1.Through hand tapping to check if taps can process qualified thread: 2.Change processing station and part to check if taps can process qualified thread.
The inner thread is too small (gauge go-end can't to)	Unsuitable taps	1.Choose bigger size taps; 2.Choose suitable taps structure.	
	Interanl thread scratch	Choose suitable reversal recede speed	
	Remain chips in internal thread	1.Improve taps sharpness,avoid appearing whisker chips; 2.After remove all chips out,then check by plug gauge.	
Other factors are normal but gauge go-end can't go through	Because the taps chuck's total weight and machine shaft have a force effect on taps,lead tap teeth type extrusion deformation or mash,so gauge go-end can't to through.	Tapping the thread hole again by hand	



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