



T-BELLI

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## IMPORT TAPS REPLACER



# T-BELI

TBELI tap based on customer working conditions, the use of the company's most advanced product design concept and process technology, using imported powder high-speed steel, carbide bar;CNC grinding center, imported automatic thread and precision testing equipment, through the scientific and rigorous quality control process, we produce high quality, cost-effective tap.



- 1** Taps for Carbon steel&Alloy steel
- 2** Taps for Stainless steel
- 3** Taps for Aluminum Copper and Non-ferrous metals
- 4** Taps for Cast iron
- 5** Taps For Solid Carbide

# T-BELI



# JIS DIN

## Standard

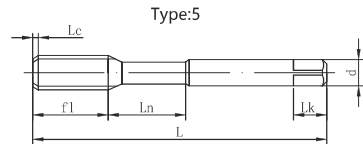
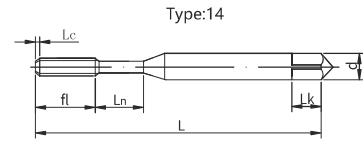
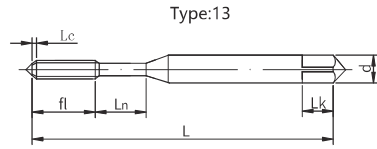


### TAPS FOR CARBON STEEL&ALLOY STEEL

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TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06 FORMING TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing



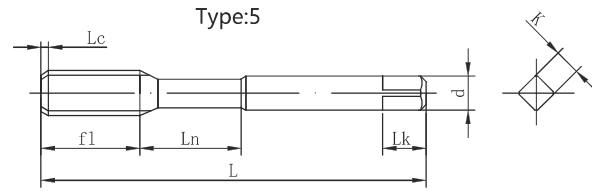
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	Ln	d	k	Lk	
TB0604070P	M4×0.7	6HX	4P	13	63	9	12	4.5	3.4	6	●
TB0604070B	M4×0.7	6HX	2.5P	14	63	9	12	4.5	3.4	6	●
TB0605080P	M5×0.8	6HX	4P	13	70	10	15	6	4.9	8	●
TB0605080B	M5×0.8	6HX	2.5P	14	70	10	15	6	4.9	8	●
TB0606100P	M6×1	6HX	4P	13	80	10	20	6	4.9	8	●
TB0606100B	M6×1	6HX	2.5P	14	80	10	20	6	4.9	8	●
TB0607100P	M7×1	6HX	4P	13	80	10	20	7	5.5	8	●
TB0607100B	M7×1	6HX	2.5P	14	80	10	20	7	5.5	8	●
TB0608125P	M8×1.25	6HX	4P	5	90	13	22	8	6.2	9	●
TB0608125B	M8×1.25	6HX	2.5P	5	90	13	22	8	6.2	9	●
TB0608100P	M8×1	6HX	4P	5	90	13	22	8	6.2	9	●
TB0608100B	M8×1	6HX	2.5P	5	90	13	22	8	6.2	9	●
TB0610150P	M10×1.5	6HX	4P	5	100	15	24	10	8	11	●
TB0610150B	M10×1.5	6HX	2.5P	5	100	15	24	10	8	11	●
TB0610125P	M10×1.25	6HX	4P	5	100	15	24	10	8	11	●
TB0610125B	M10×1.25	6HX	2.5P	5	100	15	24	10	8	11	●
TB0610100P	M10×1	6HX	4P	5	100	15	24	10	8	11	●
TB0610100B	M10×1	6HX	2.5P	5	100	15	24	10	8	11	●
TB0612175P	M12×1.75	6HX	4P	5	110	17	32	9	7	10	●
TB0612175B	M12×1.75	6HX	2.5P	5	110	17	32	9	7	10	●
TB0612150P	M12×1.5	6HX	4P	5	110	17	32	9	7	10	●
TB0612150B	M12×1.5	6HX	2.5P	5	110	17	32	9	7	10	●
TB0612125P	M12×1.25	6HX	4P	5	110	17	32	9	7	10	●
TB0612125B	M12×1.25	6HX	2.5P	5	110	17	32	9	7	10	●
TB0612100P	M12×1	6HX	4P	5	110	17	32	9	7	10	●
TB0612100B	M12×1	6HX	2.5P	5	110	17	32	9	7	10	●
TB0614200P	M14×2	6HX	4P	5	110	20	33	11	9	12	●
TB0614200B	M14×2	6HX	2.5P	5	110	20	33	11	9	12	●
TB0614150P	M14×1.5	6HX	4P	5	110	20	33	11	9	12	●
TB0614150B	M14×1.5	6HX	2.5P	5	110	20	33	11	9	12	●
TB0614125P	M14×1.25	6HX	4P	5	110	20	33	11	9	12	●
TB0614125B	M14×1.25	6HX	2.5P	5	110	20	33	11	9	12	●
TB0614100P	M14×1	6HX	4P	5	110	20	33	11	9	12	●
TB0614100B	M14×1	6HX	2.5P	5	110	20	33	11	9	12	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06 FORMING TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing



Unit:mm

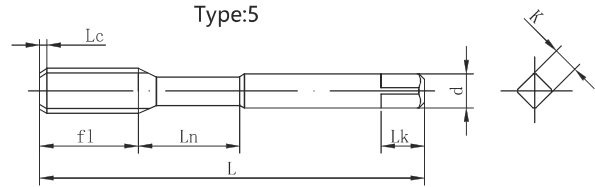
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	ln	d	k	Lk	
TB0616200P	M16×2	6HX	4P	5	110	20	34	12	9	12	●
TB0616200B	M16×2	6HX	2.5P	5	110	20	34	12	9	12	●
TB0616150P	M16×1.5	6HX	4P	5	110	20	34	12	9	12	●
TB0616150B	M16×1.5	6HX	2.5P	5	110	20	34	12	9	12	●
TB0616125P	M16×1.25	6HX	4P	5	110	20	34	12	9	12	●
TB0616125B	M16×1.25	6HX	2.5P	5	110	20	34	12	9	12	●
TB0616100P	M16×1	6HX	4P	5	110	20	34	12	9	12	●
TB0616100B	M16×1	6HX	2.5P	5	110	20	34	12	9	12	●
TB0618250P	M18×2.5	6HX	4P	5	125	25	36	14	11	14	●
TB0618250B	M18×2.5	6HX	2.5P	5	125	25	36	14	11	14	●
TB0618200P	M18×2	6HX	4P	5	125	25	36	14	11	14	●
TB0618200B	M18×2	6HX	2.5P	5	125	25	36	14	11	14	●
TB0618150P	M18×1.5	6HX	4P	5	125	25	36	14	11	14	●
TB0618150B	M18×1.5	6HX	2.5P	5	125	25	36	14	11	14	●
TB0620250P	M20×2.5	6HX	4P	5	140	25	44	16	12	15	○
TB0620250B	M20×2.5	6HX	2.5P	5	140	25	44	16	12	15	○
TB0620200P	M20×2	6HX	4P	5	140	25	44	16	12	15	○
TB0620200B	M20×2	6HX	2.5P	5	140	25	44	16	12	15	○
TB0620150P	M20×1.5	6HX	4P	5	140	25	44	16	12	15	○
TB0620150B	M20×1.5	6HX	2.5P	5	140	25	44	16	12	15	○
TB0622250P	M22×2.5	6HX	4P	5	140	25	44	18	14.5	17	○
TB0622250B	M22×2.5	6HX	2.5P	5	140	25	44	18	14.5	17	○
TB0622200P	M22×2	6HX	4P	5	140	25	44	18	14.5	17	○
TB0622200B	M22×2	6HX	2.5P	5	140	25	44	18	14.5	17	○
TB0622150P	M22×1.5	6HX	4P	5	140	25	44	18	14.5	17	○
TB0622150B	M22×1.5	6HX	2.5P	5	140	25	44	18	14.5	17	○
TB0624300P	M24×3	6HX	4P	5	160	30	48	18	14.5	17	○
TB0624300B	M24×3	6HX	2.5P	5	160	30	48	18	14.5	17	○
TB0624250P	M24×2.5	6HX	4P	5	160	30	48	18	14.5	17	○
TB0624250B	M24×2.5	6HX	2.5P	5	160	30	48	18	14.5	17	○
TB0624200P	M24×2	6HX	4P	5	160	30	48	18	14.5	17	○
TB0624200B	M24×2	6HX	2.5P	5	160	30	48	18	14.5	17	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06 FORMING TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing



Unit:mm

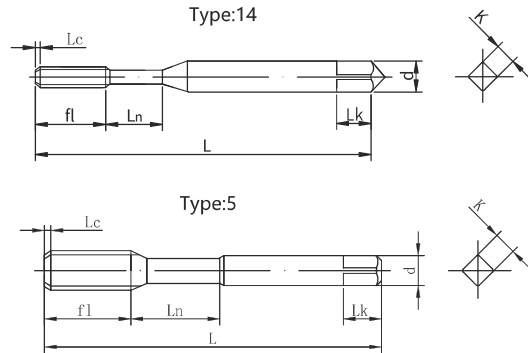
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	ln	d	k	Lk	
TB0627250P	M27×2.5	6HX	4P	5	160	30	48	20	16	19	○
TB0627250B	M27×2.5	6HX	2.5P	5	160	30	48	20	16	19	○
TB0627200P	M27×2	6HX	4P	5	160	30	48	20	16	19	○
TB0627200B	M27×2	6HX	2.5P	5	160	30	48	20	16	19	○
TB0630350P	M30×3.5	6HX	4P	5	180	35	53	22	18	21	○
TB0630350B	M30×3.5	6HX	2.5P	5	180	35	53	22	18	21	○
TB0630300P	M30×3	6HX	4P	5	180	35	53	22	18	21	○
TB0630300B	M30×3	6HX	2.5P	5	180	35	53	22	18	21	○
TB0630250P	M30×2.5	6HX	4P	5	180	35	53	22	18	21	○
TB0630250B	M30×2.5	6HX	2.5P	5	180	35	53	22	18	21	○
TB0630200P	M30×2	6HX	4P	5	180	35	53	22	18	21	○
TB0630200B	M30×2	6HX	2.5P	5	180	35	53	22	18	21	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06S FORMING TAPS WITH SHORT CHAMFER



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing

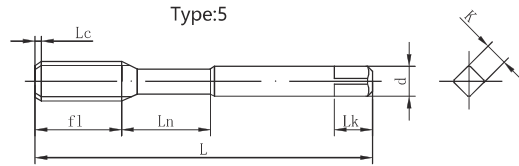
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	Ln	d	k	Lk	
TB06S04070B	M4×0.7	6HX	1.5P	14	63	9	12	4.5	3.4	6	○
TB06S05080B	M5×0.8	6HX	1.5P	14	70	10	15	6	4.9	8	○
TB06S06100B	M6×1	6HX	1.5P	14	80	10	20	6	4.9	8	●
TB06S07100B	M7×1	6HX	1.5P	14	80	10	20	7	5.5	8	●
TB06S08125B	M8×1.25	6HX	1.5P	5	90	13	22	8	6.2	9	●
TB06S08100B	M8×1	6HX	1.5P	5	90	13	22	8	6.2	9	●
TB06S10150B	M10×1.5	6HX	1.5P	5	100	15	24	10	8	11	●
TB06S10125B	M10×1.25	6HX	1.5P	5	100	15	24	10	8	11	●
TB06S10100B	M10×1	6HX	1.5P	5	100	15	24	10	8	11	●
TB06S12175B	M12×1.75	6HX	1.5P	5	110	17	32	9	7	10	●
TB06S12150B	M12×1.5	6HX	1.5P	5	110	17	32	9	7	10	●
TB06S12125B	M12×1.25	6HX	1.5P	5	110	17	32	9	7	10	●
TB06S12100B	M12×1	6HX	1.5P	5	110	17	32	9	7	10	●
TB06S14200B	M14×2	6HX	1.5P	5	110	20	33	11	9	12	●
TB06S14150B	M14×1.5	6HX	1.5P	5	110	20	33	11	9	12	●
TB06S14125B	M14×1.25	6HX	1.5P	5	110	20	33	11	9	12	●
TB06S14100B	M14×1	6HX	1.5P	5	110	20	33	11	9	12	●
TB06S16200B	M16×2	6HX	1.5P	5	110	20	34	12	9	12	●
TB06S16150B	M16×1.5	6HX	1.5P	5	110	20	34	12	9	12	●
TB06S16125B	M16×1.25	6HX	1.5P	5	110	20	34	12	9	12	●
TB06S16100B	M16×1	6HX	1.5P	5	110	20	34	12	9	12	●
TB06S18250B	M18×2.5	6HX	1.5P	5	125	25	36	14	11	14	○
TB06S18200B	M18×2	6HX	1.5P	5	125	25	36	14	11	14	○
TB06S18150B	M18×1.5	6HX	1.5P	5	125	25	36	14	11	14	○
TB06S20250B	M20×2.5	6HX	1.5P	5	140	25	44	16	12	15	○
TB06S20200B	M20×2	6HX	1.5P	5	140	25	44	16	12	15	○
TB06S20150B	M20×1.5	6HX	1.5P	5	140	25	44	16	12	15	○
TB06S22250B	M22×2.5	6HX	1.5P	5	140	25	44	18	14.5	17	○
TB06S22200B	M22×2	6HX	1.5P	5	140	25	44	18	14.5	17	○
TB06S22150B	M22×1.5	6HX	1.5P	5	140	25	44	18	14.5	17	○
TB06S24300B	M24×3	6HX	1.5P	5	160	30	48	18	14.5	17	○
TB06S24250B	M24×2.5	6HX	1.5P	5	160	30	48	18	14.5	17	○
TB06S24200B	M24×2	6HX	1.5P	5	160	30	48	18	14.5	17	○
TB06S27300B	M27×3	6HX	1.5P	5	160	30	48	20	16	19	○

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06S FORMING TAPS WITH SHORT CHAMFER



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing



Unit:mm

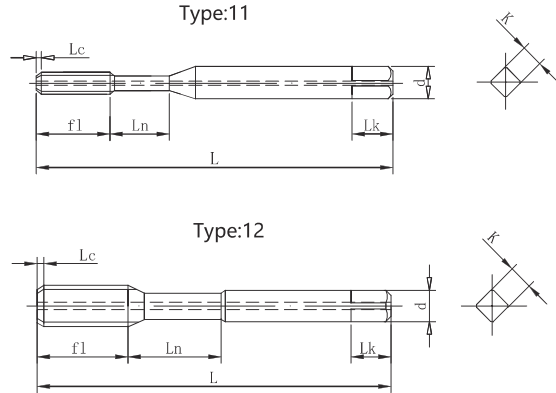
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	ln	d	k	Lk	
TB06S27250B	M27×2.5	6HX	1.5P	5	160	30	48	20	16	19	○
TB06S27200B	M27×2	6HX	1.5P	5	160	30	48	20	16	19	○
TB06S30350B	M30×3.5	6HX	1.5P	5	180	35	53	22	18	21	○
TB06S30300B	M30×3	6HX	1.5P	5	180	35	53	22	18	21	○
TB06S30250B	M30×2.5	6HX	1.5P	5	180	35	53	22	18	21	○
TB06S30200B	M30×2	6HX	1.5P	5	180	35	53	22	18	21	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB01 FORMING TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing

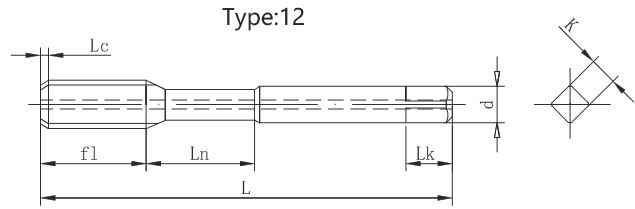
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Oil groove type	Stock
					L	fl	ln	d	k	Lk		
TB0104070C	M4×0.7	6HX	4P	11	63	9	12	4.5	3.4	6	C	●
TB0104070Z	M4×0.7	6HX	2.5P	11	63	9	12	4.5	3.4	6	Z	●
TB0105080C	M5×0.8	6HX	4P	11	70	10	15	6	4.9	8	C	●
TB0105080Z	M5×0.8	6HX	2.5P	11	70	10	15	6	4.9	8	Z	●
TB0106100C	M6×1	6HX	4P	11	80	10	20	6	4.9	8	C	●
TB0106100Z	M6×1	6HX	2.5P	11	80	10	20	6	4.9	8	Z	●
TB0107100C	M7×1	6HX	4P	11	80	10	20	7	5.5	8	C	●
TB0107100Z	M7×1	6HX	2.5P	11	80	10	20	7	5.5	8	Z	●
TB0108125C	M8×1.25	6HX	4P	12	90	13	22	8	6.2	9	C	●
TB0108125Z	M8×1.25	6HX	2.5P	12	90	13	22	8	6.2	9	Z	●
TB0108100C	M8×1	6HX	4P	12	90	13	22	8	6.2	9	C	●
TB0108100Z	M8×1	6HX	2.5P	12	90	13	22	8	6.2	9	Z	●
TB0110150C	M10×1.5	6HX	4P	12	100	15	24	10	8	11	C	●
TB0110150Z	M10×1.5	6HX	2.5P	12	100	15	24	10	8	11	Z	●
TB0110125C	M10×1.25	6HX	4P	12	100	15	24	10	8	11	C	●
TB0110125Z	M10×1.25	6HX	2.5P	12	100	15	24	10	8	11	Z	●
TB0110100C	M10×1	6HX	4P	12	100	15	24	10	8	11	C	●
TB0110100Z	M10×1	6HX	2.5P	12	100	15	24	10	8	11	Z	●
TB0112175C	M12×1.75	6HX	4P	12	110	17	32	9	7	10	C	●
TB0112175Z	M12×1.75	6HX	2.5P	12	110	17	32	9	7	10	Z	●
TB0112150C	M12×1.5	6HX	4P	12	110	17	32	9	7	10	C	●
TB0112150Z	M12×1.5	6HX	2.5P	12	110	17	32	9	7	10	Z	●
TB0112125C	M12×1.25	6HX	4P	12	110	17	32	9	7	10	C	●
TB0112125Z	M12×1.25	6HX	2.5P	12	110	17	32	9	7	10	Z	●
TB0112100C	M12×1	6HX	4P	12	110	17	32	9	7	10	C	●
TB0112100Z	M12×1	6HX	2.5P	12	110	17	32	9	7	10	Z	●
TB0114200C	M14×2	6HX	4P	12	110	20	33	11	9	12	C	●
TB0114200Z	M14×2	6HX	2.5P	12	110	20	33	11	9	12	Z	●
TB0114150C	M14×1.5	6HX	4P	12	110	20	33	11	9	12	C	●
TB0114150Z	M14×1.5	6HX	2.5P	12	110	20	33	11	9	12	Z	●
TB0114125C	M14×1.25	6HX	4P	12	110	20	33	11	9	12	C	●
TB0114125Z	M14×1.25	6HX	2.5P	12	110	20	33	11	9	12	Z	●
TB0114100C	M14×1	6HX	4P	12	110	20	33	11	9	12	C	●
TB0114100Z	M14×1	6HX	2.5P	12	110	20	33	11	9	12	Z	●
TB0116200C	M16×2	6HX	4P	12	110	20	34	12	9	12	C	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB01 FORMING TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing



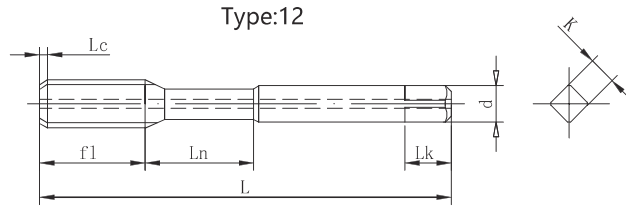
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Oilgroovetype	Stock
					L	fl	ln	d	k	Lk		
TB0116200Z	M16×2	6HX	2.5P	12	110	20	34	12	9	12	Z	●
TB0116150C	M16×1.5	6HX	4P	12	110	20	34	12	9	12	C	●
TB0116150Z	M16×1.5	6HX	2.5P	12	110	20	34	12	9	12	Z	●
TB0116125C	M16×1.25	6HX	4P	12	110	20	34	12	9	12	C	●
TB0116125Z	M16×1.25	6HX	2.5P	12	110	20	34	12	9	12	Z	●
TB0116100C	M16×1	6HX	4P	12	110	20	34	12	9	12	C	●
TB0116100Z	M16×1	6HX	2.5P	12	110	20	34	12	9	12	Z	●
TB0118250C	M18×2.5	6HX	4P	12	125	25	36	14	11	14	C	○
TB0118250Z	M18×2.5	6HX	2.5P	12	125	25	36	14	11	14	Z	○
TB0118200C	M18×2	6HX	4P	12	125	25	36	14	11	14	C	○
TB0118200Z	M18×2	6HX	2.5P	12	125	25	36	14	11	14	Z	○
TB0118150C	M18×1.5	6HX	4P	12	125	25	36	14	11	14	C	○
TB0118150Z	M18×1.5	6HX	2.5P	12	125	25	36	14	11	14	Z	○
TB0120250C	M20×2.5	6HX	4P	12	140	25	44	16	12	15	C	○
TB0120250Z	M20×2.5	6HX	2.5P	12	140	25	44	16	12	15	Z	○
TB0120200C	M20×2	6HX	4P	12	140	25	44	16	12	15	C	○
TB0120200Z	M20×2	6HX	2.5P	12	140	25	44	16	12	15	Z	○
TB0120150C	M20×1.5	6HX	4P	12	140	25	44	16	12	15	C	○
TB0120150Z	M20×1.5	6HX	2.5P	12	140	25	44	16	12	15	Z	○
TB0122250C	M22×2.5	6HX	4P	12	140	25	44	18	14.5	17	C	○
TB0122250Z	M22×2.5	6HX	2.5P	12	140	25	44	18	14.5	17	Z	○
TB0122200C	M22×2	6HX	4P	12	140	25	44	18	14.5	17	C	○
TB0122200Z	M22×2	6HX	2.5P	12	140	25	44	18	14.5	17	Z	○
TB0122150C	M22×1.5	6HX	4P	12	140	25	44	18	14.5	17	C	○
TB0122150Z	M22×1.5	6HX	2.5P	12	140	25	44	18	14.5	17	Z	○
TB0124300C	M24×3	6HX	4P	12	160	30	48	18	14.5	17	C	○
TB0124300Z	M24×3	6HX	2.5P	12	160	30	48	18	14.5	17	Z	○
TB0124250C	M24×2.5	6HX	4P	12	160	30	48	18	14.5	17	C	○
TB0124250Z	M24×2.5	6HX	2.5P	12	160	30	48	18	14.5	17	Z	○
TB0124200C	M24×2	6HX	4P	12	160	30	48	18	14.5	17	C	○
TB0124200Z	M24×2	6HX	2.5P	12	160	30	48	18	14.5	17	Z	○
TB0127300C	M27×3	6HX	4P	12	160	30	48	20	16	19	C	○
TB0127300Z	M27×3	6HX	2.5P	12	160	30	48	20	16	19	Z	○
TB0127250C	M27×2.5	6HX	4P	12	160	30	48	20	16	19	C	○

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB01 FORMING TAPS



- ⊙ High-speed steel material
- ⊙ Complex coating, excellent wear resistance
- ⊙ Suitable for carbon steel, alloy steel below 35HRC processing



Unit:mm

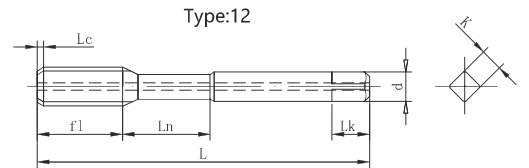
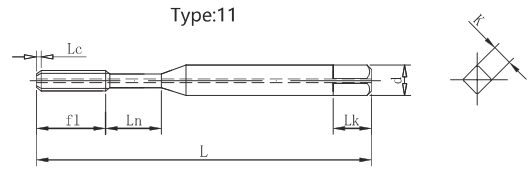
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Oilgroovetype	Stock
					L	fl	ln	d	k	Lk		
TB0127250Z	M27×2.5	6HX	2.5P	12	160	30	48	20	16	19	Z	○
TB0127200C	M27×2	6HX	4P	12	160	30	48	20	16	19	C	○
TB0127200Z	M27×2	6HX	2.5P	12	160	30	48	20	16	19	Z	○
TB0130350C	M30×3.5	6HX	4P	12	180	35	53	22	18	21	C	○
TB0130350Z	M30×3.5	6HX	2.5P	12	180	35	53	22	18	21	Z	○
TB0130300C	M30×3	6HX	4P	12	180	35	53	22	18	21	C	○
TB0130300Z	M30×3	6HX	2.5P	12	180	35	53	22	18	21	Z	○
TB0130250C	M30×2.5	6HX	4P	12	180	35	53	22	18	21	C	○
TB0130250Z	M30×2.5	6HX	2.5P	12	180	35	53	22	18	21	Z	○
TB0130200C	M30×2	6HX	4P	12	180	35	53	22	18	21	C	○
TB0130200Z	M30×2	6HX	2.5P	12	180	35	53	22	18	21	Z	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB01S FORMING TAPS WITH SHORT CHAMFER



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing

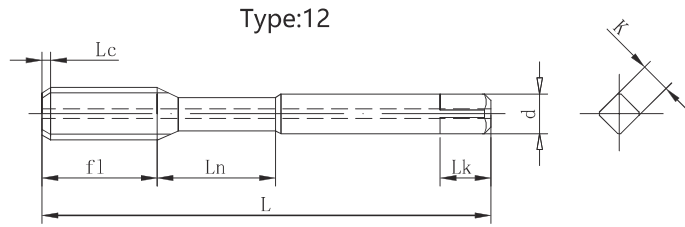
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Oilgroovetype	Stock
					L	fl	Ln	d	k	Lk		
TB01S04070Z	M4×0.7	6HX	1.5P	11	63	9	12	4.5	3.4	6	Z	●
TB01S05080Z	M5×0.8	6HX	1.5P	11	70	10	15	6	4.9	8	Z	●
TB01S06100Z	M6×1	6HX	1.5P	11	80	10	20	6	4.9	8	Z	●
TB01S07100Z	M7×1	6HX	1.5P	11	80	10	20	7	5.5	8	Z	●
TB01S08125Z	M8×1.25	6HX	1.5P	12	90	13	22	8	6.2	9	Z	●
TB01S08100Z	M8×1	6HX	1.5P	12	90	13	22	8	6.2	9	Z	●
TB01S10150Z	M10×1.5	6HX	1.5P	12	100	15	24	10	8	11	Z	●
TB01S10125Z	M10×1.25	6HX	1.5P	12	100	15	24	10	8	11	Z	●
TB01S10100Z	M10×1	6HX	1.5P	12	100	15	24	10	8	11	Z	●
TB01S12175Z	M12×1.75	6HX	1.5P	12	110	17	32	9	7	10	Z	●
TB01S12150Z	M12×1.5	6HX	1.5P	12	110	17	32	9	7	10	Z	●
TB01S12125Z	M12×1.25	6HX	1.5P	12	110	17	32	9	7	10	Z	●
TB01S12100Z	M12×1	6HX	1.5P	12	110	17	32	9	7	10	Z	●
TB01S14200Z	M14×2	6HX	1.5P	12	110	20	33	11	9	12	Z	●
TB01S14150Z	M14×1.5	6HX	1.5P	12	110	20	33	11	9	12	Z	●
TB01S14125Z	M14×1.25	6HX	1.5P	12	110	20	33	11	9	12	Z	●
TB01S14100Z	M14×1	6HX	1.5P	12	110	20	33	11	9	12	Z	●
TB01S16200Z	M16×2	6HX	1.5P	12	110	20	34	12	9	12	Z	●
TB01S16150Z	M16×1.5	6HX	1.5P	12	110	20	34	12	9	12	Z	●
TB01S16125Z	M16×1.25	6HX	1.5P	12	110	20	34	12	9	12	Z	●
TB01S16100Z	M16×1	6HX	1.5P	12	110	20	34	12	9	12	Z	●
TB01S18250Z	M18×2.5	6HX	1.5P	12	125	25	36	14	11	14	Z	○
TB01S18200Z	M18×2	6HX	1.5P	12	125	25	36	14	11	14	Z	○
TB01S18150Z	M18×1.5	6HX	1.5P	12	125	25	36	14	11	14	Z	○
TB01S20250Z	M20×2.5	6HX	1.5P	12	140	25	44	16	12	15	Z	○
TB01S20200Z	M20×2	6HX	1.5P	12	140	25	44	16	12	15	Z	○
TB01S20150Z	M20×1.5	6HX	1.5P	12	140	25	44	16	12	15	Z	○
TB01S22250Z	M22×2.5	6HX	1.5P	12	140	25	44	18	14.5	17	Z	○
TB01S22200Z	M22×2	6HX	1.5P	12	140	25	44	18	14.5	17	Z	○
TB01S22150Z	M22×1.5	6HX	1.5P	12	140	25	44	18	14.5	17	Z	○
TB01S24300Z	M24×3	6HX	1.5P	12	160	30	48	18	14.5	17	Z	○
TB01S24250Z	M24×2.5	6HX	1.5P	12	160	30	48	18	14.5	17	Z	○
TB01S24200Z	M24×2	6HX	1.5P	12	160	30	48	18	14.5	17	Z	○
TB01S27300Z	M27×3	6HX	1.5P	12	160	30	48	20	16	19	Z	○

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB01S FORMING TAPS WITH SHORT CHAMFER



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing



單位:mm Unit:mm

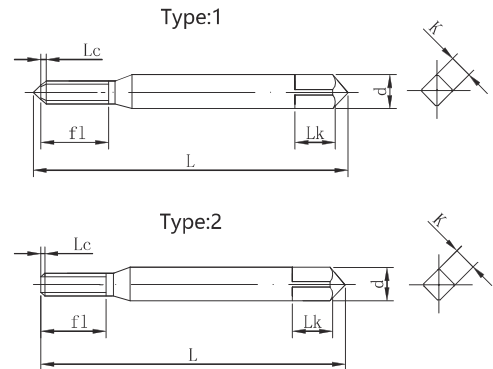
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Oil groove type	Stock
					L	fl	ln	d	k	Lk		
TB01S27250Z	M27×2.5	6HX	1.5P	12	160	30	48	20	16	19	Z	○
TB01S27200Z	M27×2	6HX	1.5P	12	160	30	48	20	16	19	Z	○
TB01S30350Z	M30×3.5	6HX	1.5P	12	180	35	53	22	18	21	Z	○
TB01S30300Z	M30×3	6HX	1.5P	12	180	35	53	22	18	21	Z	○
TB01S30250Z	M30×2.5	6HX	1.5P	12	180	35	53	22	18	21	Z	○
TB01S30200Z	M30×2	6HX	1.5P	12	180	35	53	22	18	21	Z	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

## TAPS FOR CARBON STEEL & ALLOY STEEL

### GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ TICN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

Unit:mm

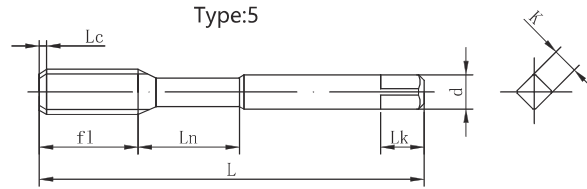
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GX010025P	M1×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	-	●
GX010025B	M1×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	-	●
GX012025P	M1.2×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	-	●
GX012025B	M1.2×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	-	●
GX014030P	M1.4×0.3	RH4	4P	1	37	6.5	—	3	2.5	3	-	●
GX014030B	M1.4×0.3	RH4	2P	2	36	6.5	—	3	2.5	3	-	●
GX016035P	M1.6×0.35	RH4	4P	1	37	8	—	3	2.5	3	-	●
GX016035B	M1.6×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	-	●
GX017035P	M1.7×0.35	RH4	4P	1	37	8	—	3	2.5	3	-	●
GX017035B	M1.7×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	-	●
GX020040P	M2×0.4	RH5	4P	1	45	10	—	3	2.5	3	-	●
GX020040B	M2×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	-	●
GX023040P	M2.3×0.4	RH5	4P	1	45	10	—	3	2.5	3	-	●
GX023040B	M2.3×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	-	●
GX025045P	M2.5×0.45	RH5	4P	1	45	13	—	3	2.5	3	-	●
GX025045B	M2.5×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	-	●
GX026045P	M2.6×0.45	RH5	4P	1	45	13	—	3	2.5	3	-	●
GX026045B	M2.6×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	-	●
GX030050P	M3×0.5	RH7	4P	1	50	16	—	4	3.2	6	-	●
GX030050B	M3×0.5	RH7	2P	2	48	16	—	4	3.2	6	-	●
GX035060P	M3.5×0.6	RH7	4P	1	50	16	—	4	3.2	6	-	●
GX035060B	M3.5×0.6	RH7	2P	2	48	16	—	4	3.2	6	-	●
GX040070P	M4×0.7	RH7	4P	1	57	18	—	5	4	7	-	●
GX040070B	M4×0.7	RH7	2P	2	55	18	—	5	4	7	-	●
GX050080P	M5×0.8	RH7	4P	1	66	20	—	5.5	4.5	7	-	●
GX050080B	M5×0.8	RH7	2P	2	63.5	20	—	5.5	4.5	7	-	●
GX060100P	M6×1	RH7	4P	1	69	27	—	6	4.5	7	2	●
GX060100B	M6×1	RH7	2P	2	66.5	27	—	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

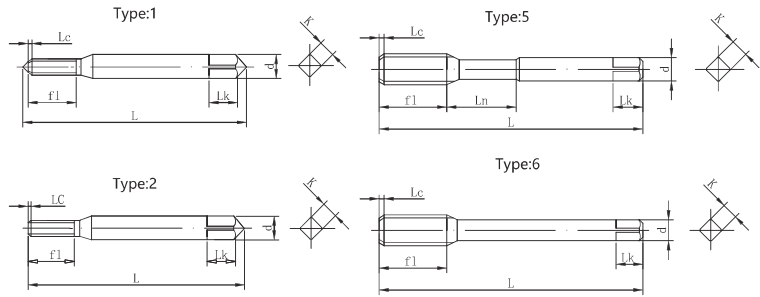
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GX070100P	M7×1	RH7	4P	5	70	13	10	6.2	5	8	2	●
GX070100B	M7×1	RH7	2P	5	70	13	10	6.2	5	8	2	●
GX080125P	M8×1.25	RH7	4P	5	70	13	23	6.2	5	8	3	●
GX080125B	M8×1.25	RH7	2P	5	70	13	23	6.2	5	8	3	●
GX100150P	M10×1.5	RH8	4P	5	75	15	28	7	5.5	8	6	●
GX100150B	M10×1.5	RH8	2P	5	75	15	28	7	5.5	8	6	●
GX120175P	M12×1.75	RH9	4P	5	82	17	25	8.5	6.5	9	6	●
GX120175B	M12×1.75	RH9	2P	5	82	17	25	8.5	6.5	9	6	●
GX140200P	M14×2	RH10	4P	5	88	20	31	10.5	8	11	6	●
GX140200B	M14×2	RH10	2P	5	88	20	31	10.5	8	11	6	●
GX160200P	M16×2	RH10	4P	5	95	20	32	12.5	10	13	6	●
GX160200B	M16×2	RH10	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

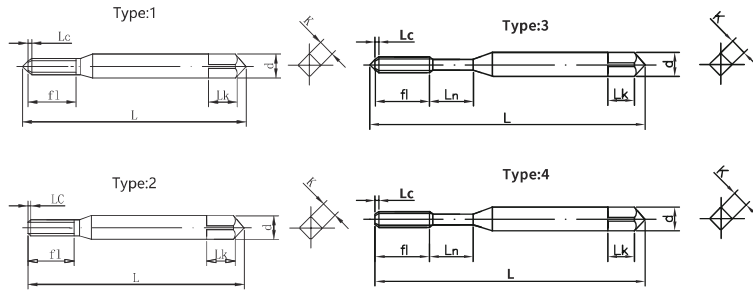
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
GXU164P	NO.1-64UNC	RH4	4P	1	37	9	—	3	2.5	3	-	●
GXU164B	NO.1-64UNC	RH4	2P	2	35.5	9	—	3	2.5	3	-	●
GXU256P	NO.2-56UNC	RH4	4P	1	45	12	—	3	2.5	3	-	●
GXU256B	NO.2-56UNC	RH4	2P	2	43.5	12	—	3	2.5	3	-	●
GXU348P	NO.3-48UNC	RH4	4P	1	45	15	—	3	2.5	3	-	●
GXU348B	NO.3-48UNC	RH4	2P	2	43.5	15	—	3	2.5	3	-	●
GXU440P	NO.4-40UNC	RH4	4P	1	45	15	—	3	2.5	3	-	●
GXU440B	NO.4-40UNC	RH4	2P	2	43.5	15	—	3	2.5	3	-	●
GXU540P	NO.5-40UNC	RH4	4P	1	50	15	—	4	3.2	6	-	●
GXU540B	NO.5-40UNC	RH4	2P	2	48	15	—	4	3.2	6	-	●
GXU632P	NO.6-32UNC	RH7	4P	1	50	16	—	4	3.2	6	-	●
GXU632B	NO.6-32UNC	RH7	2P	2	48	16	—	4	3.2	6	-	●
GXU832P	NO.8-32UNC	RH7	4P	1	57	18	—	5	4	7	-	●
GXU832B	NO.8-32UNC	RH7	2P	2	54.5	18	—	5	4	7	-	●
GXU1024P	NO.10-24UNC	RH7	4P	1	66	20	—	5.5	4.5	7	-	●
GXU1024B	NO.10-24UNC	RH7	2P	2	63.5	20	—	5.5	4.5	7	-	●
GXU1224P	NO.12-24UNC	RH7	4P	1	66	23	—	5.5	4.5	7	-	●
GXU1224B	NO.12-24UNC	RH7	2P	2	63.5	23	—	5.5	4.5	7	-	●
GXU1420P	1/4-20UNC	RH7	4P	6	62	27	—	6	4.5	7	2	●
GXU1420B	1/4-20UNC	RH7	2P	6	62	27	—	6	4.5	7	2	●
GXU51618P	5/16-18UNC	RH8	4P	5	70	15	15	6.1	5	8	3	●
GXU51618B	5/16-18UNC	RH8	2P	5	70	15	15	6.1	5	8	3	●
GXU3816P	3/8-16UNC	RH8	4P	5	75	16	27	7	5.5	8	6	●
GXU3816B	3/8-16UNC	RH8	2P	5	75	16	27	7	5.5	8	6	●
GXU71614P	7/16-14UNC	RH8	4P	5	80	20	20	8	6	9	6	●
GXU71614B	7/16-14UNC	RH8	2P	5	80	20	20	8	6	9	6	●
GXU1213P	1/2-13UNC	RH8	4P	5	85	21	27	9	7	10	6	●
GXU1213B	1/2-13UNC	RH8	2P	5	85	21	27	9	7	10	6	●
GXU91612P	9/16-12UNC	RH9	4P	5	90	21	29	10.5	8	11	6	●
GXU91612B	9/16-12UNC	RH9	2P	5	90	21	29	10.5	8	11	6	●
GXU5811P	5/8-11UNC	RH10	4P	5	95	23	25	12	9	12	6	●
GXU5811B	5/8-11UNC	RH10	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

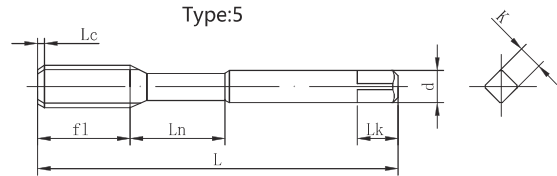
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GX010020P	M1×0.2	RH4	4P	1	32	3	—	3	2.5	3	-	●
GX010020B	M1×0.2	RH4	2P	2	31	3	—	3	2.5	3	-	●
GX012020P	M1.2×0.2	RH4	4P	1	32	3	—	3	2.5	3	-	●
GX012020B	M1.2×0.2	RH4	2P	2	31	3	—	3	2.5	3	-	●
GX014020P	M1.4×0.2	RH4	4P	1	37	3	—	3	2.5	3	-	●
GX014020B	M1.4×0.2	RH4	2P	2	36	3	—	3	2.5	3	-	●
GX016020P	M1.6×0.2	RH4	4P	1	37	3	—	3	2.5	3	-	●
GX016020B	M1.6×0.2	RH4	2P	2	36	3	—	3	2.5	3	-	●
GX020025P	M2×0.25	RH4	4P	1	45	4	—	3	2.5	3	-	●
GX020025B	M2×0.25	RH4	2P	2	43.5	4	—	3	2.5	3	-	●
GX030035P	M3×0.35	RH4	4P	3	50	6	8	4	3.2	6	-	●
GX030035B	M3×0.35	RH4	2P	4	48	6	8	4	3.2	6	-	●
GX040050P	M4×0.5	RH7	4P	3	57	8	8	5	4	7	-	●
GX040050B	M4×0.5	RH7	2P	4	55	8	8	5	4	7	-	●
GX050050P	M5×0.5	RH7	4P	3	66	8	8	5.5	4.5	7	-	●
GX050050B	M5×0.5	RH7	2P	4	64	8	8	5.5	4.5	7	-	●
GX060050P	M6×0.5	RH7	4P	3	69	12	12	6	4.5	7	2	●
GX060050B	M6×0.5	RH7	2P	4	66	12	12	6	4.5	7	2	●
GX060075P	M6×0.75	RH7	4P	3	69	12	12	6	4.5	7	2	●
GX060075B	M6×0.75	RH7	2P	4	66	12	12	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

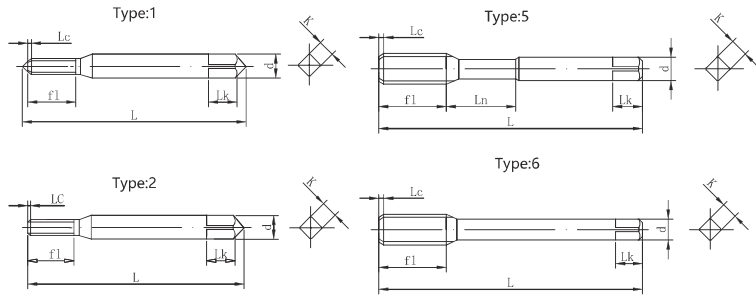
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GX080100P	M8×1	RH7	4P	5	70	13	23	6.2	5	8	3	●
GX080100B	M8×1	RH7	2P	5	70	13	23	6.2	5	8	3	●
GX080075P	M8×0.75	RH7	4P	5	70	13	23	6.2	5	8	3	●
GX080075B	M8×0.75	RH7	2P	5	70	13	23	6.2	5	8	3	●
GX100125P	M10×1.25	RH7	4P	5	75	13	30	7	5.5	8	6	●
GX100125B	M10×1.25	RH7	2P	5	75	13	30	7	5.5	8	6	●
GX100100P	M10×1	RH7	4P	5	75	13	30	7	5.5	8	6	●
GX100100B	M10×1	RH7	2P	5	75	13	30	7	5.5	8	6	●
GX100075P	M10×0.75	RH7	4P	5	75	13	30	7	5.5	8	6	●
GX100075B	M10×0.75	RH7	2P	5	75	13	30	7	5.5	8	6	●
GX120150P	M12×1.5	RH8	4P	5	82	17	25	8.5	6.5	9	6	●
GX120150B	M12×1.5	RH8	2P	5	82	17	25	8.5	6.5	9	6	●
GX120125P	M12×1.25	RH7	4P	5	82	13	29	8.5	6.5	9	6	●
GX120125B	M12×1.25	RH7	2P	5	82	13	29	8.5	6.5	9	6	●
GX120100P	M12×1	RH7	4P	5	82	13	29	8.5	6.5	9	6	●
GX120100B	M12×1	RH7	2P	5	82	13	29	8.5	6.5	9	6	●
GX140150P	M14×1.5	RH8	4P	5	88	20	31	10.5	8	11	6	●
GX140150B	M14×1.5	RH8	2P	5	88	20	31	10.5	8	11	6	●
GX140125P	M14×1.25	RH7	4P	5	88	20	31	10.5	8	11	6	●
GX140125B	M14×1.25	RH7	2P	5	88	20	31	10.5	8	11	6	●
GX140100P	M14×1	RH7	4P	5	88	20	31	10.5	8	11	6	●
GX140100B	M14×1	RH7	2P	5	88	20	31	10.5	8	11	6	●
GX160150P	M16×1.5	RH8	4P	5	95	20	32	12.5	10	13	6	●
GX160150B	M16×1.5	RH8	2P	5	95	20	32	12.5	10	13	6	●
GX160125P	M16×1.25	RH7	4P	5	95	20	32	12.5	10	13	6	●
GX160125B	M16×1.25	RH7	2P	5	95	20	32	12.5	10	13	6	●
GX160100P	M16×1	RH7	4P	5	95	20	32	12.5	10	13	6	●
GX160100B	M16×1	RH7	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ⊙ High-speed steel material;
- ⊙ TiCN-AL coating, excellent wear resistance.
- ⊙ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

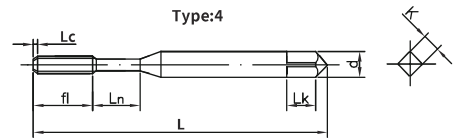
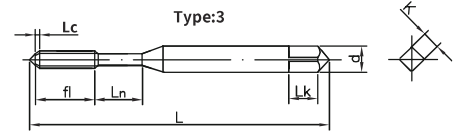
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
GXU080P	NO.0-80UNF	RH4	4P	1	37	6.5	—	3	2.5	3	-	●
GXU080B	NO.0-80UNF	RH4	2P	2	35.5	6.5	—	3	2.5	3	-	●
GXU172P	NO.1-72UNF	RH4	4P	1	37	9	—	3	2.5	3	-	●
GXU172B	NO.1-72UNF	RH4	2P	2	35.5	9	—	3	2.5	3	-	●
GXU1032P	NO.10-32UNF	RH7	4P	1	66	20	—	5.5	4.5	7	-	●
GXU1032B	NO.10-32UNF	RH7	2P	2	63.5	20	—	5.5	4.5	7	-	●
GXU1228P	NO.12-28UNF	RH7	4P	1	66	23	—	5.5	4.5	7	-	●
GXU1228B	NO.12-28UNF	RH7	2P	2	63.5	23	—	5.5	4.5	7	-	●
GXU1428P	1/4-28UNF	RH7	4P	6	62	27	—	6	4.5	7	2	●
GXU1428B	1/4-28UNF	RH7	2P	6	62	27	—	6	4.5	7	2	●
GXU51624P	5/16-24UNF	RH7	4P	5	70	11	19	6.1	5	8	3	●
GXU51624B	5/16-24UNF	RH7	2P	5	70	11	19	6.1	5	8	3	●
GXU3824P	3/8-24UNF	RH7	4P	5	75	11	32	7	5.5	8	6	●
GXU3824B	3/8-24UNF	RH7	2P	5	75	11	32	7	5.5	8	6	●
GXU71620P	7/16-20UNF	RH7	4P	5	80	13	27	8	6	9	6	●
GXU71620B	7/16-20UNF	RH7	2P	5	80	13	27	8	6	9	6	●
GXU1220P	1/2-20UNF	RH7	4P	5	85	13	35	9	7	10	6	●
GXU1220B	1/2-20UNF	RH7	2P	5	85	13	35	9	7	10	6	●
GXU91618P	9/16-18UNF	RH8	4P	5	90	15	35	10.5	8	11	6	●
GXU91618B	9/16-18UNF	RH8	2P	5	90	15	35	10.5	8	11	6	●
GXU5818P	5/8-18UNF	RH8	4P	5	95	23	25	12	9	12	6	●
GXU5818B	5/8-18UNF	RH8	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ TICN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

Unit:mm

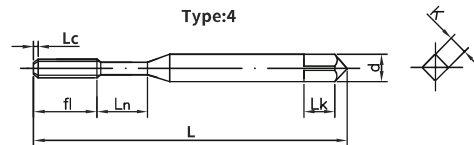
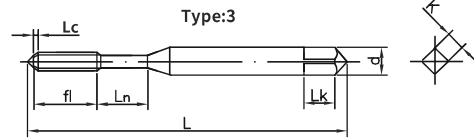
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GXB0204P	M2×0.4	RH5	4P	3	45	7	6	3	2.5	3	-	●
GXB0204B	M2×0.4	RH5	2P	4	43.5	7	6	3	2.5	3	-	●
GXB025045P	M2.5×0.45	RH5	4P	3	45	8	7	3	2.5	3	-	●
GXB025045B	M2.5×0.45	RH5	2P	4	43.5	8	7	3	2.5	3	-	●
GXB0305P	M3×0.5	RH7	4P	3	50	10	8	4	3.2	6	-	●
GXB0305B	M3×0.5	RH7	2P	4	48	10	8	4	3.2	6	-	●
GXB03506P	M3.5×0.6	RH7	4P	3	50	10	8	4	3.2	6	-	●
GXB03506B	M3.5×0.6	RH7	2P	4	48	10	8	4	3.2	6	-	●
GXB0407P	M4×0.7	RH7	4P	3	57	11	9	5	4	7	-	●
GXB0407B	M4×0.7	RH7	2P	4	55	11	9	5	4	7	-	●
GXB045075P	M4.5×0.75	RH7	4P	3	57	11	9	5	4	7	-	●
GXB045075B	M4.5×0.75	RH7	2P	4	55	11	9	5	4	7	-	●
GXB0508P	M5×0.8	RH7	4P	3	66	12	10	5.5	4.5	7	-	●
GXB0508B	M5×0.8	RH7	2P	4	63.5	12	10	5.5	4.5	7	-	●
GXB0610P	M6×1	RH7	4P	3	69	12	12	6	4.5	7	2	●
GXB0610B	M6×1	RH7	2P	4	66	12	12	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ TICN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

Unit:mm

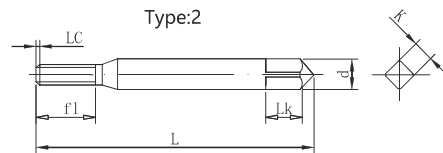
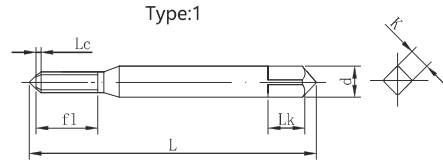
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GXUB440P	NO.4-40UNC	RH4	4P	3	45	9	7	3	2.5	3	-	●
GXUB440B	NO.4-40UNC	RH4	2P	4	43.5	9	7	3	2.5	3	-	●
GXUB540P	NO.5-40UNC	RH4	4P	3	50	10	8	4	3.2	6	-	●
GXUB540B	NO.5-40UNC	RH4	2P	4	48	10	8	4	3.2	6	-	●
GXUB632P	NO.6-32UNC	RH7	4P	3	50	10	8	4	3.2	6	-	●
GXUB632B	NO.6-32UNC	RH7	2P	4	48	10	8	4	3.2	6	-	●
GXUB832P	NO.8-32UNC	RH7	4P	3	57	11	9	5	4	7	-	●
GXUB832B	NO.8-32UNC	RH7	2P	4	55	11	9	5	4	7	-	●
GXUB1024P	NO.10-24UNC	RH7	4P	3	66	12	10	5.5	4.5	7	-	●
GXUB1024B	NO.10-24UNC	RH7	2P	4	63.5	12	10	5.5	4.5	7	-	●
GXUB1224P	NO.12-24UNC	RH7	4P	3	66	12	12	5.5	4.5	7	-	●
GXUB1224B	NO.12-24UNC	RH7	2P	4	63.5	12	12	5.5	4.5	7	-	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, Left-hand thread, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

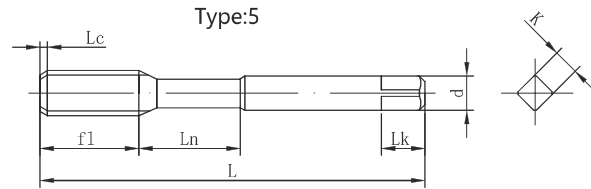
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	In	d	k	Lk		
GLH01025P	M1×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	-	○
GLH01025B	M1×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	-	○
GLH012025P	M1.2×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	-	○
GLH012025B	M1.2×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	-	○
GLH014030P	M1.4×0.3	RH4	4P	1	37	6.5	—	3	2.5	3	-	○
GLH014030B	M1.4×0.3	RH4	2P	2	36	6.5	—	3	2.5	3	-	○
GLH016035P	M1.6×0.35	RH4	4P	1	37	8	—	3	2.5	3	-	○
GLH016035B	M1.6×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	-	○
GLH017035P	M1.7×0.35	RH4	4P	1	37	8	—	3	2.5	3	-	○
GLH017035B	M1.7×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	-	○
GLH02040P	M2×0.4	RH5	4P	1	45	10	—	3	2.5	3	-	●
GLH02040B	M2×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	-	●
GLH02304P	M2.3×0.4	RH5	4P	1	45	10	—	3	2.5	3	-	●
GLH02304B	M2.3×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	-	●
GLH025045P	M2.5×0.45	RH5	4P	1	45	13	—	3	2.5	3	-	●
GLH025045B	M2.5×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	-	●
GLH026045P	M2.6×0.45	RH5	4P	1	45	13	—	3	2.5	3	-	●
GLH026045B	M2.6×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	-	●
GLH03050P	M3×0.5	RH7	4P	1	50	16	—	4	3.2	6	-	●
GLH03050B	M3×0.5	RH7	2P	2	48	16	—	4	3.2	6	-	●
GLH03506P	M3.5×0.6	RH7	4P	1	50	16	—	4	3.2	6	-	●
GLH03506B	M3.5×0.6	RH7	2P	2	48	16	—	4	3.2	6	-	●
GLH04070P	M4×0.7	RH7	4P	1	57	18	—	5	4	7	-	●
GLH04070B	M4×0.7	RH7	2P	2	55	18	—	5	4	7	-	●
GLH05080P	M5×0.8	RH7	4P	1	66	20	—	5.5	4.5	7	-	●
GLH05080B	M5×0.8	RH7	2P	2	63.5	20	—	5.5	4.5	7	-	●
GLH06100P	M6×1	RH7	4P	1	69	27	—	6	4.5	7	2	●
GLH06100B	M6×1	RH7	2P	2	66.5	27	—	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ TICN-AL coating, Left-hand thread, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

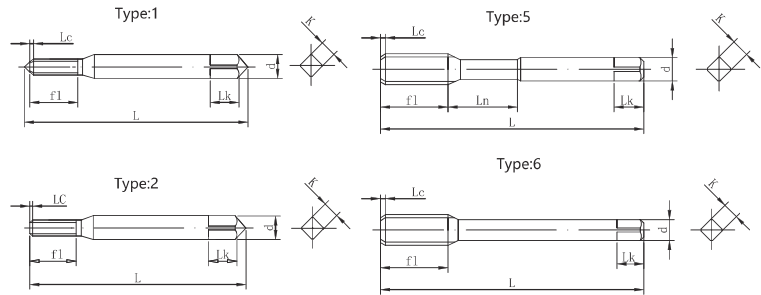
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GLH07100P	M7×1	RH7	4P	5	70	13	10	6.2	5	8	2	●
GLH07100B	M7×1	RH7	2P	5	70	13	10	6.2	5	8	2	●
GLH08125P	M8×1.25	RH7	4P	5	70	13	23	6.2	5	8	3	●
GLH08125B	M8×1.25	RH7	2P	5	70	13	23	6.2	5	8	3	●
GLH10150P	M10×1.5	RH8	4P	5	75	15	28	7	5.5	8	6	●
GLH10150B	M10×1.5	RH8	2P	5	75	15	28	7	5.5	8	6	●
GLH12175P	M12×1.75	RH9	4P	5	82	17	25	8.5	6.5	9	6	●
GLH12175B	M12×1.75	RH9	2P	5	82	17	25	8.5	6.5	9	6	●
GLH14200P	M14×2	RH10	4P	5	88	20	31	10.5	8	11	6	●
GLH14200B	M14×2	RH10	2P	5	88	20	31	10.5	8	11	6	●
GLH16200P	M16×2	RH10	4P	5	95	20	32	12.5	10	13	6	●
GLH16200B	M16×2	RH10	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, Left-hand thread, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

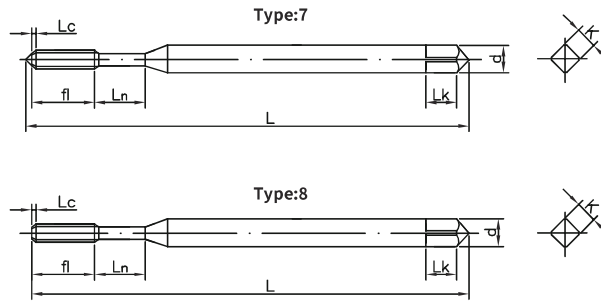
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
GULH164P	NO.1-64UNC	RH4	4P	1	37	9	—	3	2.5	3	-	○
GULH164B	NO.1-64UNC	RH4	2P	2	35.5	9	—	3	2.5	3	-	○
GULH256P	NO.2-56UNC	RH4	4P	1	45	12	—	3	2.5	3	-	○
GULH256B	NO.2-56UNC	RH4	2P	2	43.5	12	—	3	2.5	3	-	○
GULH348P	NO.3-48UNC	RH4	4P	1	45	15	—	3	2.5	3	-	○
GULH348B	NO.3-48UNC	RH4	2P	2	43.5	15	—	3	2.5	3	-	○
GULH440P	NO.4-40UNC	RH4	4P	1	45	15	—	3	2.5	3	-	○
GULH440B	NO.4-40UNC	RH4	2P	2	43.5	15	—	3	2.5	3	-	○
GULH540P	NO.5-40UNC	RH4	4P	1	50	15	—	4	3.2	6	-	○
GULH540B	NO.5-40UNC	RH4	2P	2	48	15	—	4	3.2	6	-	○
GULH632P	NO.6-32UNC	RH7	4P	1	50	16	—	4	3.2	6	-	●
GULH632B	NO.6-32UNC	RH7	2P	2	48	16	—	4	3.2	6	-	●
GULH832P	NO.8-32UNC	RH7	4P	1	57	18	—	5	4	7	-	●
GULH832B	NO.8-32UNC	RH7	2P	2	54.5	18	—	5	4	7	-	●
GULH1024P	NO.10-24UNC	RH7	4P	1	66	20	—	5.5	4.5	7	-	●
GULH1024B	NO.10-24UNC	RH7	2P	2	63.5	20	—	5.5	4.5	7	-	●
GULH1224P	NO.12-24UNC	RH7	4P	1	66	23	—	5.5	4.5	7	-	●
GULH1224B	NO.12-24UNC	RH7	2P	2	63.5	23	—	5.5	4.5	7	-	●
GULH1420P	1/4-20UNC	RH7	4P	6	62	27	—	6	4.5	7	2	●
GULH1420B	1/4-20UNC	RH7	2P	6	62	27	—	6	4.5	7	2	●
GULH51618P	5/16-18UNC	RH8	4P	5	70	15	15	6.1	5	8	3	●
GULH51618B	5/16-18UNC	RH8	2P	5	70	15	15	6.1	5	8	3	●
GULH3816P	3/8-16UNC	RH8	4P	5	75	16	27	7	5.5	8	6	●
GULH3816B	3/8-16UNC	RH8	2P	5	75	16	27	7	5.5	8	6	●
GULH71614P	7/16-14UNC	RH8	4P	5	80	20	20	8	6	9	6	●
GULH71614B	7/16-14UNC	RH8	2P	5	80	20	20	8	6	9	6	●
GULH1213P	1/2-13UNC	RH8	4P	5	85	21	27	9	7	10	6	●
GULH1213B	1/2-13UNC	RH8	2P	5	85	21	27	9	7	10	6	●
GULH91612P	9/16-12UNC	RH9	4P	5	90	21	29	10.5	8	11	6	●
GULH91612B	9/16-12UNC	RH9	2P	5	90	21	29	10.5	8	11	6	●
GULH5811P	5/8-11UNC	RH10	4P	5	95	23	25	12	9	12	6	●
GULH5811B	5/8-11UNC	RH10	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX8-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



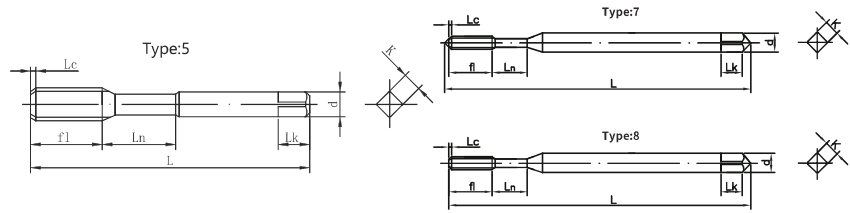
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GXL020480P	M2×0.4	RH5	4P	7	80	7	6	3	2.5	5	-	○
GXL020480B	M2×0.4	RH5	2P	8	78	7	6	3	2.5	5	-	●
GXL0204100P	M2×0.4	RH5	4P	7	100	7	6	3	2.5	5	-	○
GXL0204100B	M2×0.4	RH5	2P	8	98	7	6	3	2.5	5	-	●
GXL0204120P	M2×0.4	RH5	4P	7	120	7	6	3	2.5	5	-	○
GXL0204120B	M2×0.4	RH5	2P	8	118	7	6	3	2.5	5	-	●
GXL02504580P	M2.5×0.45	RH5	4P	7	80	8	7	3	2.5	5	-	○
GXL02504580B	M2.5×0.45	RH5	2P	8	78	8	7	3	2.5	5	-	●
GXL025045100P	M2.5×0.45	RH5	4P	7	100	8	7	3	2.5	5	-	○
GXL025045100B	M2.5×0.45	RH5	2P	8	98	8	7	3	2.5	5	-	●
GXL025045120P	M2.5×0.45	RH5	4P	7	120	8	7	3	2.5	5	-	○
GXL025045120B	M2.5×0.45	RH5	2P	8	118	8	7	3	2.5	5	-	●
GXL030580P	M3×0.5	RH7	4P	7	80	10	8	4	3.2	6	-	○
GXL030580B	M3×0.5	RH7	2P	8	78	10	8	4	3.2	6	-	●
GXL0305100P	M3×0.5	RH7	4P	7	100	10	8	4	3.2	6	-	○
GXL0305100B	M3×0.5	RH7	2P	8	98	10	8	4	3.2	6	-	●
GXL0305120P	M3×0.5	RH7	4P	7	120	10	8	4	3.2	6	-	○
GXL0305120B	M3×0.5	RH7	2P	8	118	10	8	4	3.2	6	-	●
GXL0305150P	M3×0.5	RH7	4P	7	150	10	8	4	3.2	6	-	○
GXL0305150B	M3×0.5	RH7	2P	8	148	10	8	4	3.2	6	-	●
GXL0350680P	M3.5×0.6	RH7	4P	7	80	10	8	4	3.2	6	-	○
GXL0350680B	M3.5×0.6	RH7	2P	8	78	10	8	4	3.2	6	-	●
GXL03506100P	M3.5×0.6	RH7	4P	7	100	10	8	4	3.2	6	-	○
GXL03506100B	M3.5×0.6	RH7	2P	8	98	10	8	4	3.2	6	-	●
GXL03506120P	M3.5×0.6	RH7	4P	7	120	10	8	4	3.2	6	-	○
GXL03506120B	M3.5×0.6	RH7	2P	8	118	10	8	4	3.2	6	-	●
GXL03506150P	M3.5×0.6	RH7	4P	7	150	10	8	4	3.2	6	-	○
GXL03506150B	M3.5×0.6	RH7	2P	8	148	10	8	4	3.2	6	-	●
GXL040780P	M4×0.7	RH7	4P	7	80	11	9	5	4	7	-	○
GXL040780B	M4×0.7	RH7	2P	8	78	11	9	5	4	7	-	●
GXL0407100P	M4×0.7	RH7	4P	7	100	11	9	5	4	7	-	○
GXL0407100B	M4×0.7	RH7	2P	8	98	11	9	5	4	7	-	●
GXL0407120P	M4×0.7	RH7	4P	7	120	11	9	5	4	7	-	○
GXL0407120B	M4×0.7	RH7	2P	8	118	11	9	5	4	7	-	●
GXL0407150P	M4×0.7	RH7	4P	7	150	11	9	5	4	7	-	○
GXL0407150B	M4×0.7	RH7	2P	8	148	11	9	5	4	7	-	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



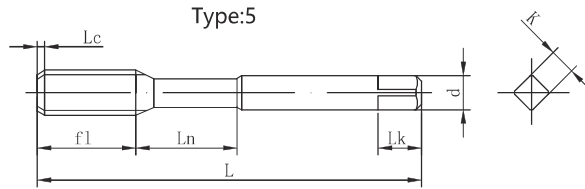
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
GXL04507580P	M4.5 × 0.75	RH7	4P	7	80	11	9	5	4	7	-	○
GXL04507580B	M4.5 × 0.75	RH7	2P	8	78	11	9	5	4	7	-	●
GXL045075100P	M4.5 × 0.75	RH7	4P	7	100	11	9	5	4	7	-	○
GXL045075100B	M4.5 × 0.75	RH7	2P	8	98	11	9	5	4	7	-	●
GXL045075120P	M4.5 × 0.75	RH7	4P	7	120	11	9	5	4	7	-	○
GXL045075120B	M4.5 × 0.75	RH7	2P	8	118	11	9	5	4	7	-	●
GXL045075150P	M4.5 × 0.75	RH7	4P	7	150	11	9	5	4	7	-	○
GXL045075150B	M4.5 × 0.75	RH7	2P	8	148	11	9	5	4	7	-	●
GXL050880P	M5 × 0.8	RH7	4P	7	80	12	10	5.5	4.5	7	-	○
GXL050880B	M5 × 0.8	RH7	2P	8	78	12	10	5.5	4.5	7	-	●
GXL0508100P	M5 × 0.8	RH7	4P	7	100	12	10	5.5	4.5	7	-	○
GXL0508100B	M5 × 0.8	RH7	2P	8	98	12	10	5.5	4.5	7	-	●
GXL0508120P	M5 × 0.8	RH7	4P	7	120	12	10	5.5	4.5	7	-	○
GXL0508120B	M5 × 0.8	RH7	2P	8	118	12	10	5.5	4.5	7	-	●
GXL0508150P	M5 × 0.8	RH7	4P	7	150	12	10	5.5	4.5	7	-	○
GXL0508150B	M5 × 0.8	RH7	2P	8	148	12	10	5.5	4.5	7	-	●
GXL061080P	M6 × 1	RH7	4P	7	80	12	12	6	4.5	7	2	○
GXL061080B	M6 × 1	RH7	2P	8	78	12	12	6	4.5	7	2	●
GXL0610100P	M6 × 1	RH7	4P	7	100	12	12	6	4.5	7	2	○
GXL0610100B	M6 × 1	RH7	2P	8	98	12	12	6	4.5	7	2	●
GXL0610120P	M6 × 1	RH7	4P	7	120	12	12	6	4.5	7	2	○
GXL0610120B	M6 × 1	RH7	2P	8	118	12	12	6	4.5	7	2	●
GXL0610150P	M6 × 1	RH7	4P	7	150	12	12	6	4.5	7	2	○
GXL0610150B	M6 × 1	RH7	2P	8	148	12	12	6	4.5	7	2	●
GXL0710100B	M7 × 1	RH7	2P	5	100	13	10	6.2	5	8	2	●
GXL0710120B	M7 × 1	RH7	2P	5	120	13	10	6.2	5	8	2	●
GXL0710150B	M7 × 1	RH7	2P	5	150	13	10	6.2	5	8	2	○
GXL08125100B	M8 × 1.25	RH7	2P	5	100	13	23	6.2	5	8	3	●
GXL08125120B	M8 × 1.25	RH7	2P	5	120	13	23	6.2	5	8	3	●
GXL08125150B	M8 × 1.25	RH7	2P	5	150	13	23	6.2	5	8	3	○
GXL0810100B	M8 × 1	RH7	2P	5	100	13	23	6.2	5	8	3	●
GXL0810120B	M8 × 1	RH7	2P	5	120	13	23	6.2	5	8	3	●
GXL0810150B	M8 × 1	RH7	2P	5	150	13	23	6.2	5	8	3	○
GXL1015100B	M10 × 1.5	RH8	2P	5	100	15	28	7	5.5	8	6	●
GXL1015120B	M10 × 1.5	RH8	2P	5	120	15	28	7	5.5	8	6	●
GXL1015150B	M10 × 1.5	RH8	2P	5	150	15	28	7	5.5	8	6	○

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
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- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

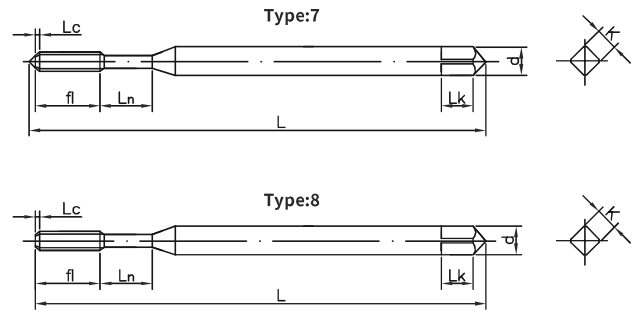
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
GXL10125100B	M10×1.25	RH7	2P	5	100	13	30	7	5.5	8	6	●
GXL10125120B	M10×1.25	RH7	2P	5	120	13	30	7	5.5	8	6	●
GXL10125150B	M10×1.25	RH7	2P	5	150	13	30	7	5.5	8	6	○
GXL1010100B	M10×1	RH7	2P	5	100	13	30	7	5.5	8	6	●
GXL1010120B	M10×1	RH7	2P	5	120	13	30	7	5.5	8	6	●
GXL1010150B	M10×1	RH7	2P	5	150	13	30	7	5.5	8	6	○
GXL12175100B	M12×1.75	RH9	2P	5	100	17	25	8.5	6.5	9	6	●
GXL12175120B	M12×1.75	RH9	2P	5	120	17	25	8.5	6.5	9	6	●
GXL12175150B	M12×1.75	RH9	2P	5	150	17	25	8.5	6.5	9	6	○
GXL1215100B	M12×1.5	RH8	2P	5	100	17	25	8.5	6.5	9	6	●
GXL1215120B	M12×1.5	RH8	2P	5	120	17	25	8.5	6.5	9	6	●
GXL1215150B	M12×1.5	RH8	2P	5	150	17	25	8.5	6.5	9	6	○
GXL12125100B	M12×1.25	RH7	2P	5	100	13	29	8.5	6.5	9	6	●
GXL12125120B	M12×1.25	RH7	2P	5	120	13	29	8.5	6.5	9	6	●
GXL12125150B	M12×1.25	RH7	2P	5	150	13	29	8.5	6.5	9	6	○
GXL1210100B	M12×1	RH7	2P	5	100	13	29	8.5	6.5	9	6	●
GXL1210120B	M12×1	RH7	2P	5	120	13	29	8.5	6.5	9	6	●
GXL1210150B	M12×1	RH7	2P	5	150	13	29	8.5	6.5	9	6	○
GXL1420120B	M14×2	RH10	2P	5	120	20	31	10.5	8	11	6	●
GXL1420150B	M14×2	RH10	2P	5	150	20	31	10.5	8	11	6	○
GXL1415120B	M14×1.5	RH8	2P	5	120	20	31	10.5	8	11	6	●
GXL1415150B	M14×1.5	RH8	2P	5	150	20	31	10.5	8	11	6	○
GXL14125120B	M14×1.25	RH7	2P	5	120	20	31	10.5	8	11	6	●
GXL14125150B	M14×1.25	RH7	2P	5	150	20	31	10.5	8	11	6	○
GXL1410120B	M14×1	RH7	2P	5	120	20	31	10.5	8	11	6	●
GXL1410150B	M14×1	RH7	2P	5	150	20	31	10.5	8	11	6	○
GXL1620120B	M16×2	RH10	2P	5	120	20	32	12.5	10	13	6	●
GXL1620150B	M16×2	RH10	2P	5	150	20	32	12.5	10	13	6	○
GXL1615120B	M16×1.5	RH8	2P	5	120	20	32	12.5	10	13	6	●
GXL1615150B	M16×1.5	RH8	2P	5	150	20	32	12.5	10	13	6	○
GXL16125120B	M16×1.25	RH7	2P	5	120	20	32	12.5	10	13	6	●
GXL16125150B	M16×1.25	RH7	2P	5	150	20	32	12.5	10	13	6	○
GXL1610120B	M16×1	RH7	2P	5	120	20	32	12.5	10	13	6	●
GXL1610150B	M16×1	RH7	2P	5	150	20	32	12.5	10	13	6	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TICN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



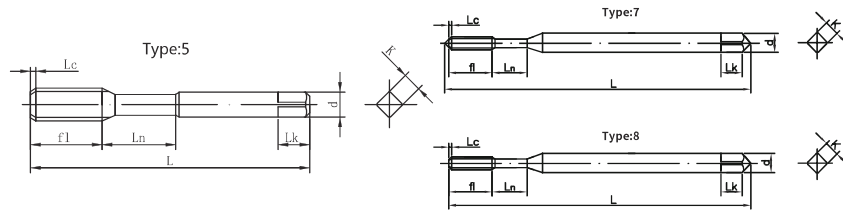
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GLU44080P	NO.4-40UNC	RH4	4P	7	80	9	7	3	2.5	5	-	○
GLU44080B	NO.4-40UNC	RH4	2P	8	78	9	7	3	2.5	5	-	●
GLU440100P	NO.4-40UNC	RH4	4P	7	100	9	7	3	2.5	5	-	○
GLU440100B	NO.4-40UNC	RH4	2P	8	98	9	7	3	2.5	5	-	●
GLU440120P	NO.4-40UNC	RH4	4P	7	120	9	7	3	2.5	5	-	○
GLU440120B	NO.4-40UNC	RH4	2P	8	118	9	7	3	2.5	5	-	●
GLU54080P	NO.5-40UNC	RH4	4P	7	80	10	8	4	3.2	6	-	○
GLU54080B	NO.5-40UNC	RH4	2P	8	78	10	8	4	3.2	6	-	●
GLU540100P	NO.5-40UNC	RH4	4P	7	100	10	8	4	3.2	6	-	○
GLU540100B	NO.5-40UNC	RH4	2P	8	98	10	8	4	3.2	6	-	●
GLU540120P	NO.5-40UNC	RH4	4P	7	120	10	8	4	3.2	6	-	○
GLU540120B	NO.5-40UNC	RH4	2P	8	118	10	8	4	3.2	6	-	●
GLU63280P	NO.6-32UNC	RH7	4P	7	80	10	8	4	3.2	6	-	○
GLU63280B	NO.6-32UNC	RH7	2P	8	78	10	8	4	3.2	6	-	●
GLU632100P	NO.6-32UNC	RH7	4P	7	100	10	8	4	3.2	6	-	○
GLU632100B	NO.6-32UNC	RH7	2P	8	98	10	8	4	3.2	6	-	●
GLU632120P	NO.6-32UNC	RH7	4P	7	120	10	8	4	3.2	6	-	○
GLU632120B	NO.6-32UNC	RH7	2P	8	118	10	8	4	3.2	6	-	●
GLU632150P	NO.6-32UNC	RH7	4P	7	150	10	8	4	3.2	6	-	○
GLU632150B	NO.6-32UNC	RH7	2P	8	148	10	8	4	3.2	6	-	●
GLU83280P	NO.8-32UNC	RH7	4P	7	80	11	9	5	4	7	-	○
GLU83280B	NO.8-32UNC	RH7	2P	8	78	11	9	5	4	7	-	●
GLU832100P	NO.8-32UNC	RH7	4P	7	100	11	9	5	4	7	-	○
GLU832100B	NO.8-32UNC	RH7	2P	8	98	11	9	5	4	7	-	●
GLU832120P	NO.8-32UNC	RH7	4P	7	120	11	9	5	4	7	-	○
GLU832120B	NO.8-32UNC	RH7	2P	8	118	11	9	5	4	7	-	●
GLU832150P	NO.8-32UNC	RH7	4P	7	150	11	9	5	4	7	-	○
GLU832150B	NO.8-32UNC	RH7	2P	8	148	11	9	5	4	7	-	●
GLU102480P	NO.10-24UNC	RH7	4P	7	80	12	10	5.5	4.5	7	-	○
GLU102480B	NO.10-24UNC	RH7	2P	8	78	12	10	5.5	4.5	7	-	●
GLU1024100P	NO.10-24UNC	RH7	4P	7	100	12	10	5.5	4.5	7	-	○
GLU1024100B	NO.10-24UNC	RH7	2P	8	98	12	10	5.5	4.5	7	-	●
GLU1024120P	NO.10-24UNC	RH7	4P	7	120	12	10	5.5	4.5	7	-	○
GLU1024120B	NO.10-24UNC	RH7	2P	8	118	12	10	5.5	4.5	7	-	●
GLU1024150P	NO.10-24UNC	RH7	4P	7	150	12	10	5.5	4.5	7	-	○
GLU1024150B	NO.10-24UNC	RH7	2P	8	148	12	10	5.5	4.5	7	-	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



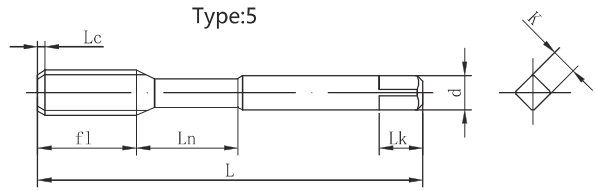
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
GLU122480P	NO.12-24UNC	RH7	4P	7	80	12	12	5.5	4.5	7	-	●
GLU122480B	NO.12-24UNC	RH7	2P	8	78	12	12	5.5	4.5	7	-	●
GLU1224100P	NO.12-24UNC	RH7	4P	7	100	12	12	5.5	4.5	7	-	●
GLU1224100B	NO.12-24UNC	RH7	2P	8	98	12	12	5.5	4.5	7	-	●
GLU1224120P	NO.12-24UNC	RH7	4P	7	120	12	12	5.5	4.5	7	-	●
GLU1224120B	NO.12-24UNC	RH7	2P	8	118	12	12	5.5	4.5	7	-	●
GLU1224150P	NO.12-24UNC	RH7	4P	7	150	12	12	5.5	4.5	7	-	●
GLU1224150B	NO.12-24UNC	RH7	2P	8	148	12	12	5.5	4.5	7	-	●
GLU1420100B	1/4-20UNC	RH7	2P	5	100	12	12	6	4.5	7	2	●
GLU1420120B	1/4-20UNC	RH7	2P	5	120	12	12	6	4.5	7	2	●
GLU1420150B	1/4-20UNC	RH7	2P	5	150	12	12	6	4.5	7	2	○
GLU1428100B	1/4-28UNF	RH7	2P	5	100	12	12	6	4.5	7	2	●
GLU1428120B	1/4-28UNF	RH7	2P	5	120	12	12	6	4.5	7	2	●
GLU1428150B	1/4-28UNF	RH7	2P	5	150	12	12	6	4.5	7	2	○
GLU51618100B	5/16-18UNC	RH8	2P	5	100	15	15	6.1	5	8	3	●
GLU51618120B	5/16-18UNC	RH8	2P	5	120	15	15	6.1	5	8	3	●
GLU51618150B	5/16-18UNC	RH8	2P	5	150	15	15	6.1	5	8	3	○
GLU51624100B	5/16-24UNF	RH7	2P	5	100	11	19	6.1	5	8	3	●
GLU51624120B	5/16-24UNF	RH7	2P	5	120	11	19	6.1	5	8	3	●
GLU51624150B	5/16-24UNF	RH7	2P	5	150	11	19	6.1	5	8	3	○
GLU3816100B	3/8-16UNC	RH8	2P	5	100	16	27	7	5.5	8	6	●
GLU3816120B	3/8-16UNC	RH8	2P	5	120	16	27	7	5.5	8	6	●
GLU3816150B	3/8-16UNC	RH8	2P	5	150	16	27	7	5.5	8	6	○
GLU3824100B	3/8-24UNF	RH7	2P	5	100	11	32	7	5.5	8	6	●
GLU3824120B	3/8-24UNF	RH7	2P	5	120	11	32	7	5.5	8	6	●
GLU3824150B	3/8-24UNF	RH7	2P	5	150	11	32	7	5.5	8	6	○
GLU71614100B	7/16-14UNC	RH8	2P	5	100	20	20	8	6	9	6	●
GLU71614120B	7/16-14UNC	RH8	2P	5	120	20	20	8	6	9	6	●
GLU71614150B	7/16-14UNC	RH8	2P	5	150	20	20	8	6	9	6	○
GLU71620100B	7/16-20UNF	RH7	2P	5	100	13	27	8	6	9	6	●
GLU71620120B	7/16-20UNF	RH7	2P	5	120	13	27	8	6	9	6	●
GLU71620150B	7/16-20UNF	RH7	2P	5	150	13	27	8	6	9	6	○
GLU1213100B	1/2-13UNC	RH8	2P	5	100	21	27	9	7	10	6	●
GLU1213120B	1/2-13UNC	RH8	2P	5	120	21	27	9	7	10	6	●
GLU1213150B	1/2-13UNC	RH8	2P	5	150	21	27	9	7	10	6	○

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

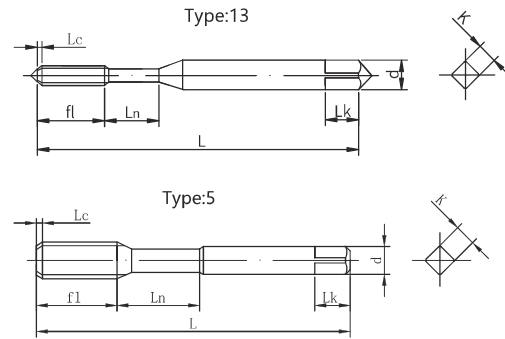
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
GLU1220100B	1/2-20UNF	RH7	2P	5	100	13	35	9	7	10	6	●
GLU1220120B	1/2-20UNF	RH7	2P	5	120	13	35	9	7	10	6	●
GLU1220150B	1/2-20UNF	RH7	2P	5	150	13	35	9	7	10	6	○
GLU91612120B	9/16-12UNC	RH9	2P	5	120	21	29	10.5	8	11	6	●
GLU91612150B	9/16-12UNC	RH9	2P	5	150	21	29	10.5	8	11	6	○
GLU91618120B	9/16-18UNF	RH8	2P	5	120	15	35	10.5	8	11	6	●
GLU91618150B	9/16-18UNF	RH8	2P	5	150	15	35	10.5	8	11	6	○
GLU5811120B	5/8-11UNC	RH10	2P	5	120	23	25	12	9	12	6	●
GLU5811150B	5/8-11UNC	RH10	2P	5	150	23	25	12	9	12	6	○
GLU5818120B	5/8-18UNF	RH8	2P	5	120	23	25	12	9	12	6	●
GLU5818150B	5/8-18UNF	RH8	2P	5	150	23	25	12	9	12	6	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06-STM SPIRAL FLUTED TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing

Unit:mm

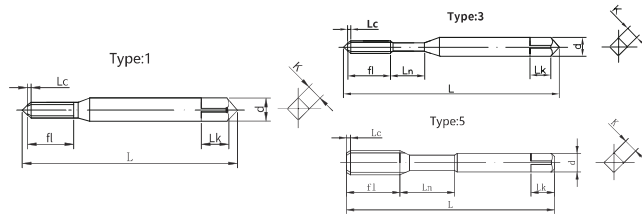
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	ln	d	k	Lk	
TST04070	M4×0.7	6HX	2.5P	13	63	9	12	4.5	3.4	6	●
TST05080	M5×0.8	6HX	2.5P	13	70	10	15	6	4.9	8	●
TST06100	M6×1	6HX	2.5P	13	80	10	20	6	4.9	8	●
TST07100	M7×1	6HX	2.5P	13	80	10	20	7	5.5	8	●
TST08125	M8×1.25	6HX	2.5P	5	90	13	22	8	6.2	9	●
TST08100	M8×1	6HX	2.5P	5	90	13	22	8	6.2	9	●
TST10150	M10×1.5	6HX	2.5P	5	100	15	24	10	8	11	●
TST10125	M10×1.25	6HX	2.5P	5	100	15	24	10	8	11	●
TST10100	M10×1	6HX	2.5P	5	100	15	24	10	8	11	●
TST12175	M12×1.75	6HX	2.5P	5	110	17	32	9	7	10	●
TST12150	M12×1.5	6HX	2.5P	5	110	17	32	9	7	10	●
TST12125	M12×1.25	6HX	2.5P	5	110	17	32	9	7	10	●
TST12100	M12×1	6HX	2.5P	5	110	17	32	9	7	10	●
TST14200	M14×2	6HX	2.5P	5	110	20	33	11	9	12	●
TST14150	M14×1.5	6HX	2.5P	5	110	20	33	11	9	12	●
TST14125	M14×1.25	6HX	2.5P	5	110	20	33	11	9	12	●
TST14100	M14×1	6HX	2.5P	5	110	20	33	11	9	12	●
TST16200	M16×2	6HX	2.5P	5	110	20	34	12	9	12	●
TST16150	M16×1.5	6HX	2.5P	5	110	20	34	12	9	12	●
TST16125	M16×1.25	6HX	2.5P	5	110	20	34	12	9	12	●
TST16100	M16×1	6HX	2.5P	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL



- ◎ High-speed steel material;
- ◎ TICN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



Unit:mm

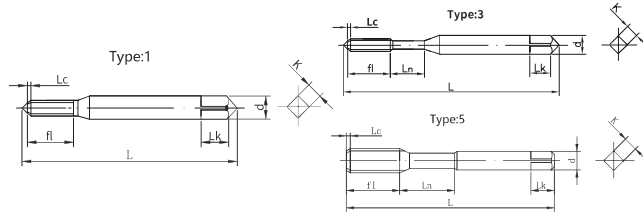
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
TM010025	M1×0.25	P1	1.5P	1	37	4.5	-	3	2.5	3	2	●
TM012025	M1.2×0.25	P1	1.5P	1	37	4.5	-	3	2.5	3	2	●
TM014030	M1.4×0.3	P1	1.5P	1	37	6.5	-	3	2.5	3	2	●
TM016035	M1.6×0.35	P2	1.5P	1	37	8	-	3	2.5	3	2	●
TM020040	M2×0.4	P2	2.5P	1	45	11	-	3	2.5	3	2	●
TM030050	M2.5×0.45	P2	2.5P	1	45	12	-	3	2.5	3	2	●
TM030050	M3×0.5	P2	2.5P	3	50	5	13	4	3.2	6	3	●
TM035060	M3.5×0.6	P2	2.5P	3	50	6	13	4	3.2	6	3	●
TM040070	M4×0.7	P2	2.5P	3	57	9	11	5	4	7	3	●
TM050080	M5×0.8	P2	2.5P	3	66	8	17	5.5	4.5	7	3	●
TM060100	M6×1	P2	2.5P	3	69	12	12	6	4.5	7	3	●
TM070100	M7×1	P3	2.5P	3	78	13	10	6.2	5	8	3	●
TM080125	M8×1.25	P3	2.5P	5	70	13	23	6.2	5	8	3	●
TM080100	M8×1	P3	3.5P	5	70	13	23	6.2	5	8	3	●
TM100150	M10×1.5	P4	2.5P	5	75	15	28	7	5.5	8	3	●
TM100125	M10×1.25	P3	2.5P	5	75	13	30	7	5.5	8	3	●
TM100100	M10×1	P3	2.5P	5	75	13	30	7	5.5	8	3	●
TM120175	M12×1.75	P4	2.5P	5	82	17	25	8.5	6.5	9	3	●
TM120150	M12×1.5	P4	2.5P	5	82	17	25	8.5	6.5	9	3	●
TM120125	M12×1.25	P4	2.5P	5	82	13	29	8.5	6.5	9	3	●
TM120100	M12×1	P3	2.5P	5	82	13	29	8.5	6.5	9	3	●
TM140200	M14×2	P5	2.5P	5	88	20	31	10.5	8	11	3	●
TM140150	M14×1.5	P4	2.5P	5	88	20	31	10.5	8	11	3	●
TM140125	M14×1.25	P4	2.5P	5	88	20	31	10.5	8	11	3	●
TM140100	M14×1	P3	2.5P	5	88	20	31	10.5	8	11	3	●
TM160200	M16×2	P5	2.5P	5	95	20	32	12.5	10	13	3	●
TM160150	M16×1.5	P4	2.5P	5	95	20	32	12.5	10	13	3	●
TM160125	M16×1.25	P4	2.5P	5	95	20	32	12.5	10	13	3	●
TM160100	M16×1	P3	2.5P	5	95	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



Unit:mm

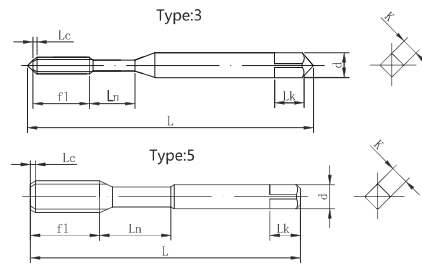
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
TMU080	NO.0-80UNF	P1	1.5P	1	37	10	-	3	2.5	3	2	●
TMU164	NO.1-64UNC	P1	1.5P	1	37	11	-	3	2.5	3	2	●
TMU256	NO.2-56UNC	P1	2.5P	1	45	12	-	3	2.5	3	2	●
TMU348	NO.3-48UNC	P1	2.5P	1	45	14	-	3	2.5	3	2	●
TMU440	NO.4-40UNC	P2	2.5P	1	45	6	10	3	2.5	3	3	●
TMU540	NO.5-40UNC	P2	2.5P	3	50	7	12	4	3.2	6	3	●
TMU632	NO.6-32UNC	P2	2.5P	3	50	8	12	4	3.2	6	3	●
TMU640	NO.6-40UNF	P2	2.5P	3	50	8	12	4	3.2	6	3	○
TMU832	NO.8-32UNC	P2	2.5P	3	57	8	13.5	5	4	7	3	●
TMU836	NO.8-36UNF	P2	2.5P	3	57	8	13.5	5	4	7	3	○
TMU1024	NO.10-24UNC	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
TMU1224	NO.12-24UNC	P2	2.5	3	66	10	16	5.5	4.5	7	3	●
TMU1420	1/4-20UNC	P2	2.5P	3	69	12	17	6	4.5	7	3	●
TMU1228	1/4-28UNF	P2	2.5P	3	69	12	17	6	4.5	7	3	●
TMU51618	5/16-18UNC	P3	2.5P	5	70	15	15	6.1	5	8	3	●
TMU51624	5/16-24UNF	P3	2.5P	5	70	11	19	6.1	5	8	3	●
TMU3816	3/8-16UNC	P3	2.5P	5	75	16	27	7	5.5	8	3	●
TMU3824	3/8-24UNF	P3	2.5P	5	75	11	32	7	5.5	8	3	●
TMU71614	7/16-14UNC	P4	2.5P	5	80	20	20	8	6	9	3	●
TMU71620	7/16-20UNF	P3	2.5P	5	80	13	27	8	6	9	3	●
TMU1213	1/2-13UNC	P4	2.5P	5	85	21	27	9	7	10	3	●
TMU1220	1/2-20UNF	P3	2.5P	5	85	13	35	9	7	10	3	●
TMU91612	9/16-12UNC	P4	2.5P	5	90	21	29	10.5	8	11	3	●
TMU91618	9/16-18UNF	P3	2.5P	5	90	15	35	10.5	8	11	3	●
TMU5811	5/8-11UNC	P4	2.5P	5	95	23	25	12	9	12	3	●
TMU5818	5/8-18UNF	P3	2.5P	5	95	23	25	12	9	12	3	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## S-STM SPIRAL FLUTED TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



Unit:mm

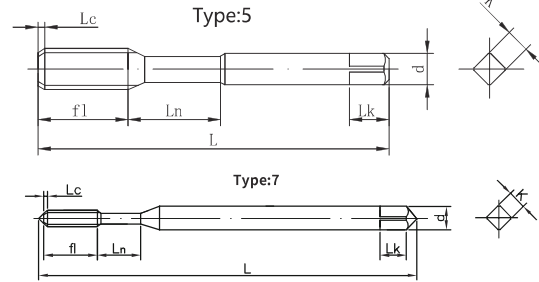
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
STM030035	M3×0.35	P2	2.5P	3	50	5	13	4	3.2	6	3	○
STM035035	M3.5×0.35	P2	2.5P	3	50	6	13	4	3.2	6	3	○
STM040050	M4×0.5	P2	2.5P	3	57	9	11	5	4	7	3	○
STM050050	M5×0.5	P2	2.5P	3	66	8	17	5.5	4.5	7	3	○
STM060050	M6×0.5	P2	2.5P	3	69	12	12	6	4.5	7	3	○
STM060075	M6×0.75	P2	2.5P	3	69	12	12	6	4.5	7	3	●
STM070075	M7×0.75	P3	2.5P	3	78	13	10	6.2	5	8	3	○
STM080075	M8×0.75	P3	2.5P	5	70	13	23	6.2	5	8	3	○
STM100075	M10×0.75	P3	2.5P	5	75	13	30	7	5.5	8	3	○
STMU640	NO.6-40UNF	P2	2.5P	3	50	8	12	4	3.2	6	3	○
STMU836	NO.8-36UNF	P2	2.5P	3	57	8	13.5	5	4	7	3	○

Tolerances under 6H/2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



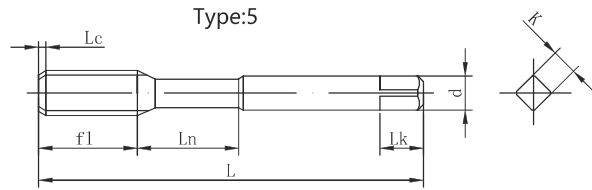
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LTM020480	M2×0.4	P2	2.5P	7	80	9	6	3	2.5	5	2	●
LTM0204100	M2×0.4	P2	2.5P	7	100	9	6	3	2.5	5	2	●
LTM02504580	M2.5×0.45	P2	2.5P	7	80	9	6	3	2.5	5	2	●
LTM025045100	M2.5×0.45	P2	2.5P	7	100	9	6	3	2.5	5	2	●
LTM030580	M3×0.5	P2	2.5P	7	80	12	7	4	3.2	6	3	●
LTM0305100	M3×0.5	P2	2.5P	7	100	12	7	4	3.2	6	3	●
LTM0305120	M3×0.5	P2	2.5P	7	120	12	7	4	3.2	6	3	●
LTM0305150	M3×0.5	P2	2.5P	7	150	12	7	4	3.2	6	3	○
LTM0350680	M3.5×0.6	P2	2.5P	7	80	13	7	4	3.2	6	3	●
LTM03506100	M3.5×0.6	P2	2.5P	7	100	13	7	4	3.2	6	3	●
LTM03506120	M3.5×0.6	P2	2.5P	7	120	13	7	4	3.2	6	3	●
LTM03506150	M3.5×0.6	P2	2.5P	7	150	13	7	4	3.2	6	3	○
LTM040780	M4×0.7	P2	2.5P	7	80	14	7	5	4	7	3	●
LTM0407100	M4×0.7	P2	2.5P	7	100	14	7	5	4	7	3	●
LTM0407120	M4×0.7	P2	2.5P	7	120	14	7	5	4	7	3	●
LTM0407150	M4×0.7	P2	2.5P	7	150	14	7	5	4	7	3	○
LTM050880	M5×0.8	P2	2.5P	7	80	16	9	5.5	4.5	7	3	●
LTM0508100	M5×0.8	P2	2.5P	7	100	16	9	5.5	4.5	7	3	●
LTM0508120	M5×0.8	P2	2.5P	7	120	16	9	5.5	4.5	7	3	●
LTM0508150	M5×0.8	P2	2.5P	7	150	16	9	5.5	4.5	7	3	○
LTM061080	M6×1	P2	2.5P	7	80	19.5	9.5	6	4.5	7	3	●
LTM0610100	M6×1	P2	2.5P	7	100	19.5	9.5	6	4.5	7	3	●
LTM0610120	M6×1	P2	2.5P	7	120	19.5	9.5	6	4.5	7	3	●
LTM0610150	M6×1	P2	2.5P	7	150	19.5	9.5	6	4.5	7	3	○
LTM0710100	M7×1	P3	2.5P	7	100	13	10	6.2	5	8	3	●
LTM0710120	M7×1	P3	2.5P	7	120	13	10	6.2	5	8	3	●
LTM0710150	M7×1	P3	2.5P	7	150	13	10	6.2	5	8	3	○
LTM08125100	M8×1.25	P3	2.5P	5	100	22	15	6.2	5	8	3	●
LTM08125120	M8×1.25	P3	2.5P	5	120	22	15	6.2	5	8	3	●
LTM08125150	M8×1.25	P3	2.5P	5	150	22	15	6.2	5	8	3	○
LTM0810100	M8×1	P3	2.5P	5	100	22	15	6.2	5	8	3	●
LTM0810120	M8×1	P3	2.5P	5	120	22	15	6.2	5	8	3	●
LTM0810150	M8×1	P3	2.5P	5	150	22	15	6.2	5	8	3	○
LTM1015100	M10×1.5	P4	2.5P	5	100	24	19	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



Unit:mm

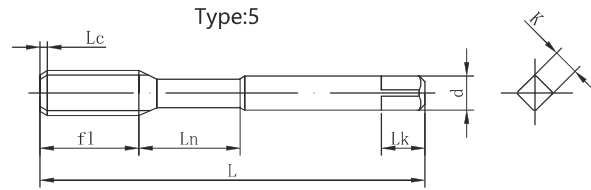
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LTM1015120	M10×1.5	P4	2.5P	5	120	24	19	7	5.5	8	3	●
LTM1015150	M10×1.5	P4	2.5P	5	150	24	19	7	5.5	8	3	●
LTM10125100	M10×1.25	P3	2.5P	5	100	24	19	7	5.5	8	3	●
LTM10125120	M10×1.25	P3	2.5P	5	120	24	19	7	5.5	8	3	○
LTM10125150	M10×1.25	P3	2.5P	5	150	24	19	7	5.5	8	3	○
LTM1010100	M10×1	P3	2.5P	5	100	24	19	7	5.5	8	3	●
LTM1010120	M10×1	P3	2.5P	5	120	24	19	7	5.5	8	3	○
LTM1010150	M10×1	P3	2.5P	5	150	24	19	7	5.5	8	3	○
LTM12175100	M12×1.75	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
LTM12175120	M12×1.75	P4	2.5P	5	120	29	17	8.5	6.5	9	3	●
LTM12175150	M12×1.75	P4	2.5P	5	150	29	17	8.5	6.5	9	3	●
LTM1215100	M12×1.5	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
LTM1215120	M12×1.5	P4	2.5P	5	120	29	17	8.5	6.5	9	3	○
LTM1215150	M12×1.5	P4	2.5P	5	150	29	17	8.5	6.5	9	3	○
LTM12125100	M12×1.25	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
LTM12125120	M12×1.25	P4	2.5P	5	120	29	17	8.5	6.5	9	3	○
LTM12125150	M12×1.25	P4	2.5P	5	150	29	17	8.5	6.5	9	3	○
LTM1210100	M12×1	P3	2.5P	5	100	29	17	8.5	6.5	9	3	●
LTM1210120	M12×1	P3	2.5P	5	120	29	17	8.5	6.5	9	3	○
LTM1210150	M12×1	P3	2.5P	5	150	29	17	8.5	6.5	9	3	○
LTM1420120	M14×2	P5	2.5P	5	120	20	31	10.5	8	11	3	●
LTM1420150	M14×2	P5	2.5P	5	150	20	31	10.5	8	11	3	○
LTM1415120	M14×1.5	P4	2.5P	5	120	20	31	10.5	8	11	3	●
LTM1415150	M14×1.5	P4	2.5P	5	150	20	31	10.5	8	11	3	○
LTM14125120	M14×1.25	P4	2.5P	5	120	20	31	10.5	8	11	3	○
LTM14125150	M14×1.25	P4	2.5P	5	150	20	31	10.5	8	11	3	○
LTM1410120	M14×1	P3	2.5P	5	120	20	31	10.5	8	11	3	○
LTM1410150	M14×1	P3	2.5P	5	150	20	31	10.5	8	11	3	○
LTM1620120	M16×2	P5	2.5P	5	120	20	32	12.5	10	13	3	○
LTM1620150	M16×2	P5	2.5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.

CPS M ISO 6H Coating TiCN-AL JIS

Unit:mm

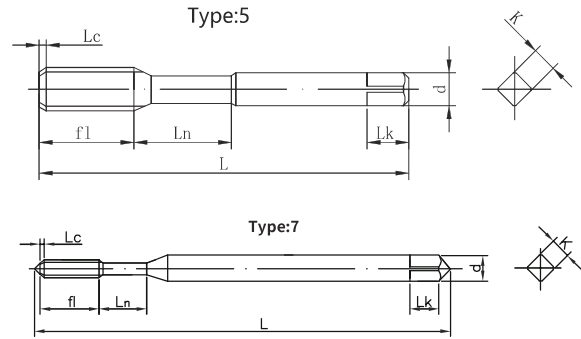
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LTM1615120	M16×1.5	P4	2.5P	5	120	20	32	12.5	10	13	3	○
LTM1615150	M16×1.5	P4	2.5P	5	150	20	32	12.5	10	13	3	○
LTM16125120	M16×1.25	P4	2.5P	5	120	20	32	12.5	10	13	3	○
LTM16125150	M16×1.25	P4	2.5P	5	150	20	32	12.5	10	13	3	○
LTM1610120	M16×1	P3	2.5P	5	120	20	32	12.5	10	13	3	○
LTM1610150	M16×1	P3	2.5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



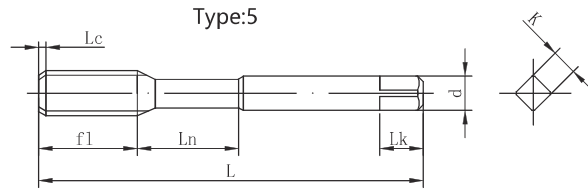
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LTU44080	NO.4-40UNC	P2	2.5P	7	80	10	6	3	2.5	5	3	●
LTU440100	NO.4-40UNC	P2	2.5P	7	100	10	6	3	2.5	5	3	●
LTU54080	NO.5-40UNC	P2	2.5P	7	80	12	7	4	3.2	6	3	○
LTU540100	NO.5-40UNC	P2	2.5P	7	100	12	7	4	3.2	6	3	○
LTU63280	NO.6-32UNC	P2	2.5P	7	80	13	7	4	3.2	6	3	●
LTU632100	NO.6-32UNC	P2	2.5P	7	100	13	7	4	3.2	6	3	●
LTU632120	NO.6-32UNC	P2	2.5P	7	120	13	7	4	3.2	6	3	○
LTU632150	NO.6-32UNC	P2	2.5P	7	150	13	7	4	3.2	6	3	○
LTU83280	NO.8-32UNC	P2	2.5P	7	80	13.5	8	5	4	7	3	●
LTU832100	NO.8-32UNC	P2	2.5P	7	100	13.5	8	5	4	7	3	●
LTU832120	NO.8-32UNC	P2	2.5P	7	120	13.5	8	5	4	7	3	○
LTU832150	NO.8-32UNC	P2	2.5P	7	150	13.5	8	5	4	7	3	○
LTU102480	NO.10-24UNC	P2	2.5P	7	80	16.5	9.5	5.5	4.5	7	3	●
LTU1024100	NO.10-24UNC	P2	2.5P	7	100	16.5	9.5	5.5	4.5	7	3	●
LTU1024120	NO.10-24UNC	P2	2.5P	7	120	16.5	9.5	5.5	4.5	7	3	○
LTU1024150	NO.10-24UNC	P2	2.5P	7	150	16.5	9.5	5.5	4.5	7	3	○
LTU122480	NO.12-24UNC	P2	2.5P	7	80	16.5	9.5	5.5	4.5	7	3	●
LTU1224100	NO.12-24UNC	P2	2.5P	7	100	16.5	9.5	5.5	4.5	7	3	●
LTU1224120	NO.12-24UNC	P2	2.5P	7	120	16.5	9.5	5.5	4.5	7	3	○
LTU1224150	NO.12-24UNC	P2	2.5P	7	150	16.5	9.5	5.5	4.5	7	3	○
LTU142080	1/4-20UNC	P2	2.5P	7	80	19.5	9.5	6	4.5	7	3	●
LTU1420100	1/4-20UNC	P2	2.5P	7	100	19.5	9.5	6	4.5	7	3	●
LTU1420120	1/4-20UNC	P2	2.5P	7	120	19.5	9.5	6	4.5	7	3	●
LTU1420150	1/4-20UNC	P2	2.5P	7	150	19.5	9.5	6	4.5	7	3	●
LTU51618100	5/16-18UNC	P3	2.5P	5	100	23	15	6.1	5	8	3	●
LTU51618120	5/16-18UNC	P3	2.5P	5	120	23	15	6.1	5	8	3	●
LTU51618150	5/16-18UNC	P3	2.5P	5	150	23	15	6.1	5	8	3	●
LTU51624100	5/16-24UNF	P3	2.5P	5	100	23	15	6.1	5	8	3	●
LTU51624120	5/16-24UNF	P3	2.5P	5	120	23	15	6.1	5	8	3	●
LTU51624150	5/16-24UNF	P3	2.5P	5	150	23	15	6.1	5	8	3	●
LTU3816100	3/8-16UNC	P3	2.5P	5	100	25	18	7	5.5	8	3	●
LTU3816120	3/8-16UNC	P3	2.5P	5	120	25	18	7	5.5	8	3	●
LTU3816150	3/8-16UNC	P3	2.5P	5	150	25	18	7	5.5	8	3	●
LTU3824100	3/8-24UNF	P3	2.5P	5	100	25	18	7	5.5	8	3	●
LTU3824120	3/8-24UNF	P3	2.5P	5	120	25	18	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for carbon steel, alloy steel below 30HRC processing.



Unit:mm

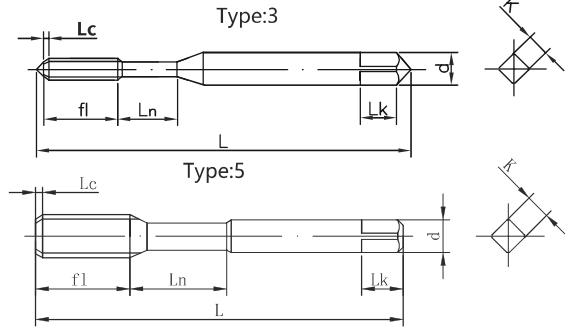
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LTU3824150	3/8-24UNF	P3	2.5P	5	150	25	18	7	5.5	8	3	○
LTU71614100	7/16-14UNC	P4	2.5P	5	100	29	16	8	6	9	3	●
LTU71614120	7/16-14UNC	P4	2.5P	5	120	29	16	8	6	9	3	●
LTU71614150	7/16-14UNC	P4	2.5P	5	150	29	16	8	6	9	3	○
LTU71620100	7/16-20UNF	P3	2.5P	5	100	29	16	8	6	9	3	●
LTU71620120	7/16-20UNF	P3	2.5P	5	120	29	16	8	6	9	3	●
LTU71620150	7/16-20UNF	P3	2.5P	5	150	29	16	8	6	9	3	○
LTU1213100	1/2-13UNC	P4	2.5P	5	100	30	18	9	7	10	3	●
LTU1213120	1/2-13UNC	P4	2.5P	5	120	30	18	9	7	10	3	●
LTU1213150	1/2-13UNC	P4	2.5P	5	150	30	18	9	7	10	3	○
LTU1220100	1/2-20UNF	P3	2.5P	5	100	30	18	9	7	10	3	●
LTU1220120	1/2-20UNF	P3	2.5P	5	120	30	18	9	7	10	3	●
LTU1220150	1/2-20UNF	P3	2.5P	5	150	30	18	9	7	10	3	○
LTU91612120	9/16-12UNC	P4	2.5P	5	120	30	20	10.5	8	11	3	○
LTU91612150	9/16-12UNC	P4	2.5P	5	150	30	20	10.5	8	11	3	○
LTU91618120	9/16-18UNF	P3	2.5P	5	120	30	20	10.5	8	11	3	○
LTU91618150	9/16-18UNF	P3	2.5P	5	150	30	20	10.5	8	11	3	○
LTU5811120	5/8-11UNC	P4	2.5P	5	120	23	25	12	9	12	3	○
LTU5811150	5/8-11UNC	P4	2.5P	5	150	23	25	12	9	12	3	○
LTU5818120	5/8-18UNF	P3	2.5P	5	120	23	25	12	9	12	3	○
LTU5818150	5/8-18UNF	P3	2.5P	5	150	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## DS-STM SPIRAL FLUTED TAPS



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for alloy steel below 35HRC processing.



Unit:mm

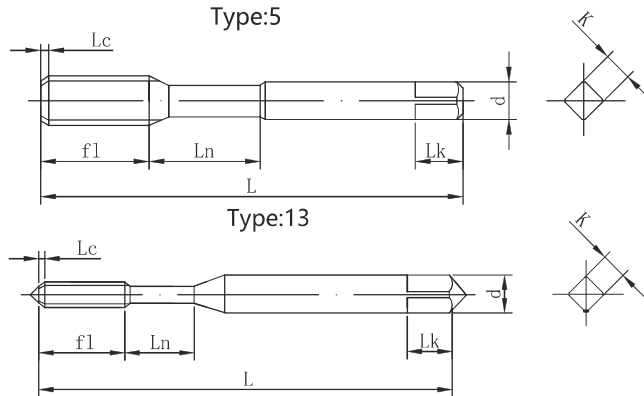
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
DSM040070	M4×0.7	P2	3.5P	3	57	14	7	5	4	7	3	●
DSM050080	M5×0.8	P2	3.5P	3	66	16	9	5.5	4.5	7	3	●
DSM060100	M6×1	P2	3.5P	3	69	19.5	9.5	6	4.5	7	3	●
DSM070100	M7×1	P3	3.5P	3	78	13	10	6.2	5	8	3	●
DSM080125	M8×1.25	P3	3.5P	5	70	22	15	6.2	5	8	3	●
DSM080100	M8×1	P3	3.5P	5	70	22	15	6.2	5	8	3	●
DSM100150	M10×1.5	P4	3.5P	5	75	24	19	7	5.5	8	3	●
DSM100125	M10×1.25	P3	3.5P	5	75	24	19	7	5.5	8	3	●
DSM100100	M10×1	P3	3.5P	5	75	24	19	7	5.5	8	3	●
DSM120175	M12×1.75	P4	3.5P	5	82	29	17	8.5	6.5	9	3	●
DSM120150	M12×1.5	P4	3.5P	5	82	29	17	8.5	6.5	9	3	●
DSM120125	M12×1.25	P4	3.5P	5	82	29	17	8.5	6.5	9	3	●
DSM120100	M12×1	P3	3.5P	5	82	29	17	8.5	6.5	9	3	●
DSM140200	M14×2	P5	3.5P	5	88	20	31	10.5	8	11	3	●
DSM140150	M14×1.5	P4	3.5P	5	88	20	31	10.5	8	11	3	●
DSM140125	M14×1.25	P4	3.5P	5	88	20	31	10.5	8	11	3	●
DSM140100	M14×1	P3	3.5P	5	92	20	31	10.5	8	11	3	●
DSM160200	M16×2	P5	3.5P	5	92	20	32	12.5	10	13	3	●
DSM160150	M16×1.5	P4	3.5P	5	92	20	32	12.5	10	13	3	●
DSM160125	M16×1.25	P4	3.5P	5	92	20	32	12.5	10	13	3	●
DSM160100	M16×1	P3	3.5P	5	92	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material
- ◎ Complex coating, excellent wear resistance
- ◎ Suitable for carbon steel, alloy steel below 35HRC processing

Unit:mm

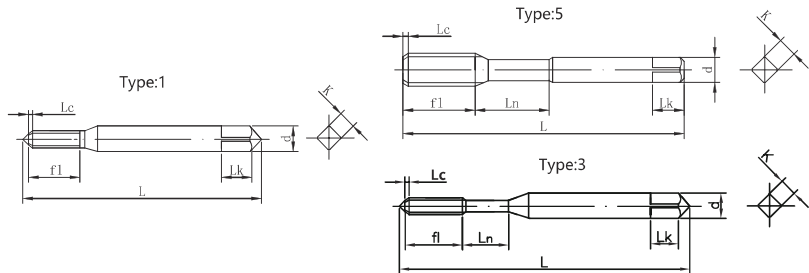
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	Ln	d	k	Lk	
TB06P04070	M4×0.7	6HX	5P	13	63	9	12	4.5	3.4	6	●
TB06P05080	M5×0.8	6HX	5P	13	70	10	15	6	4.9	8	●
TB06P06100	M6×1	6HX	5P	13	80	10	20	6	4.9	8	●
TB06P07100	M7×1	6HX	5P	13	80	10	20	7	5.5	8	●
TB06P08125	M8×1.25	6HX	5P	5	90	13	22	8	6.2	9	●
TB06P08100	M8×1	6HX	5P	5	90	13	22	8	6.2	9	●
TB06P10150	M10×1.5	6HX	5P	5	100	15	24	10	8	11	●
TB06P10125	M10×1.25	6HX	5P	5	100	15	24	10	8	11	●
TB06P10100	M10×1	6HX	5P	5	100	15	24	10	8	11	●
TB06P12175	M12×1.75	6HX	5P	5	110	17	32	9	7	10	●
TB06P12150	M12×1.5	6HX	5P	5	110	17	32	9	7	10	●
TB06P12125	M12×1.25	6HX	5P	5	110	17	32	9	7	10	●
TB06P12100	M12×1	6HX	5P	5	110	17	32	9	7	10	●
TB06P14200	M14×2	6HX	5P	5	110	20	33	11	9	12	●
TB06P14150	M14×1.5	6HX	5P	5	110	20	33	11	9	12	●
TB06P14125	M14×1.25	6HX	5P	5	110	20	33	11	9	12	●
TB06P14100	M14×1	6HX	5P	5	110	20	33	11	9	12	●
TB06P16200	M16×2	6HX	5P	5	110	20	34	12	9	12	●
TB06P16150	M16×1.5	6HX	5P	5	110	20	34	12	9	12	●
TB06P16125	M16×1.25	6HX	5P	5	110	20	34	12	9	12	●
TB06P16100	M16×1	6HX	5P	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## JIS -POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ TICN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

Unit:mm

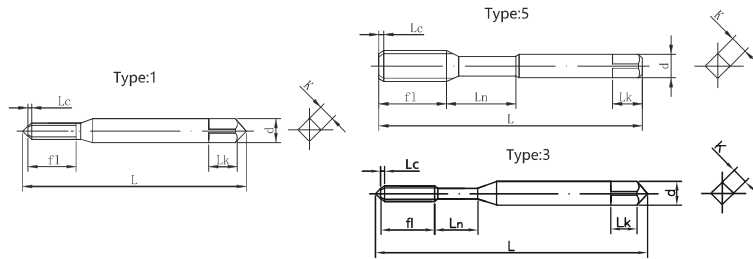
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
JSP010025	M1×0.25	P1	5P	1	37	4.5	—	3	2.5	3	2	●
JSP012025	M1.2×0.25	P1	5P	1	37	5.5	—	3	2.5	3	2	●
JSP014030	M1.4×0.3	P1	5P	1	37	9	—	3	2.5	3	2	●
JSP016035	M1.6×0.35	P2	5P	1	37	8	—	3	2.5	3	2	●
JSP020040	M2×0.4	P2	5P	1	45	11	—	3	2.5	3	2	●
JSP025045	M2.5×0.45	P2	5P	1	45	12	—	3	2.5	3	2	●
JSP030050	M3×0.5	P2	5P	3	50	12	7	4	3.2	6	3	●
JSP035060	M3.5×0.6	P2	5P	3	50	13	7	4	3.2	6	3	●
JSP040070	M4×0.7	P2	5P	3	57	14	7	5	4	7	3	●
JSP050080	M5×0.8	P2	5P	3	66	16	9	5.5	4.5	7	3	●
JSP060100	M6×1	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
JSP070100	M7×1	P3	5P	3	78	13	10	6.2	5	8	3	●
JSP080125	M8×1.25	P3	5P	5	70	22	15	6.2	5	8	3	●
JSP080100	M8×1	P3	5P	5	70	22	15	6.2	5	8	3	●
JSP100150	M10×1.5	P4	5P	5	75	24	19	7	5	8	3	●
JSP100125	M10×1.25	P3	5P	5	75	24	19	7	5	8	3	●
JSP100100	M10×1	P3	5P	5	75	24	19	7	5	8	3	●
JSP120175	M12×1.75	P4	5P	5	82	29	17	8.5	6.5	9	3	●
JSP120150	M12×1.5	P4	5P	5	82	29	17	8.5	6.5	9	3	●
JSP120125	M12×1.25	P4	5P	5	82	29	17	8.5	6.5	9	3	●
JSP120100	M12×1	P3	5P	5	82	29	17	8.5	6.5	9	3	●
JSP140200	M14×2	P5	5P	5	88	20	31	10.5	8	11	3	●
JSP140150	M14×1.5	P4	5P	5	88	20	31	10.5	8	11	3	●
JSP140125	M14×1.25	P4	5P	5	88	20	31	10.5	8	11	3	●
JSP140100	M14×1	P3	5P	5	88	20	31	10.5	8	11	3	●
JSP160200	M16×2	P5	5P	5	95	20	32	12.5	10	13	3	●
JSP160150	M16×1.5	P4	5P	5	95	20	32	12.5	10	13	3	●
JSP160125	M16×1.25	P4	5P	5	95	20	32	12.5	10	13	3	●
JSP160100	M16×1	P3	5P	5	95	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## JIS -POT SPIRAL POINTED TAPS



- ⊙ High-speed steel material;
- ⊙ TiCN-AL coating, forward chip removal, excellent wear resistance.
- ⊙ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

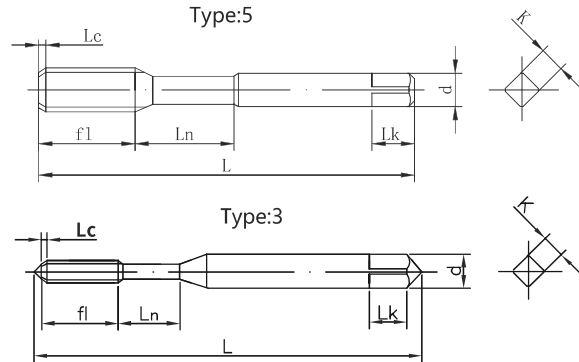
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
JSPU080	NO.0-80UNF	P1	5P	1	37	10	-	3	2.5	3	2	●
JSPU164	NO.1-64UNC	P1	5P	1	37	11	-	3	2.5	3	2	●
JSPU256	NO.2-56UNC	P1	5P	1	45	12	-	3	2.5	3	2	●
JSPU348	NO.3-48UNC	P1	5P	1	45	14	-	3	2.5	3	2	●
JSPU440	NO.4-40UNC	P2	5P	1	45	13	-	3	2.5	3	2	●
JSPU540	NO.5-40UNC	P2	5P	3	50	12	7	4	3.2	6	3	●
JSPU632	NO.6-32UNC	P2	5P	3	50	13	7	4	3.2	6	3	●
JSPU832	NO.8-32UNC	P2	5P	3	57	13.5	8	5	4	7	3	●
JSPU1024	NO.10-24UNC	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSPU1032	NO.10-32UNF	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSPU1224	NO.12-24UNC	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSPU1228	NO.12-28UNF	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSPU1420	1/4-20UNC	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
JSPU1428	1/4-28UNF	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
JSPU51618	5/16-18UNC	P3	5P	5	70	23	15	6.1	5	8	3	●
JSPU51624	5/16-24UNF	P3	5P	5	70	23	15	6.1	5	8	3	●
JSPU3816	3/8-16UNC	P3	5P	5	75	25	18	7	5.5	8	3	●
JSPU3824	3/8-24UNF	P3	5P	5	75	25	18	7	5.5	8	3	●
JSPU71614	7/16-14UNC	P4	5P	5	80	29	16	8	6	9	3	●
JSPU71620	7/16-20UNF	P3	5P	5	80	29	16	8	6	9	3	●
JSPU1213	1/2-13UNC	P4	5P	5	85	30	18	9	7	10	3	●
JSPU1220	1/2-20UNF	P3	5P	5	85	30	18	9	7	10	3	●
JSPU91612	9/16-12UNC	P4	5P	5	90	30	20	10.5	8	11	3	●
JSPU91618	9/16-18UNF	P3	5P	5	90	30	20	10.5	8	11	3	●
JSPU5811	5/8-11UNC	P4	5P	5	95	23	25	12	9	12	3	●
JSPU5818	5/8-18UNF	P3	5P	5	95	23	25	12	9	12	3	●

Tolerances under B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## S-POT SPIRAL POINTED TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

Unit:mm

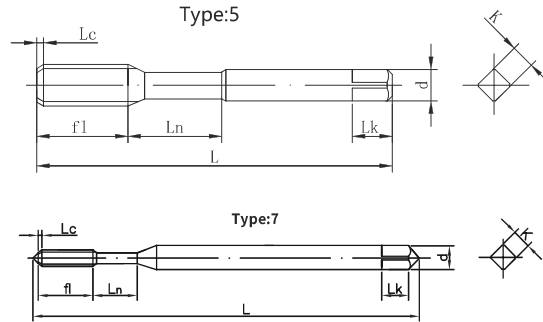
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SP030035	M3×0.35	P2	5P	3	50	5	13	4	3.2	6	3	●
SP035035	M3.5×0.35	P2	5P	3	50	6	13	4	3.2	6	3	●
SP040050	M4×0.5	P2	5P	3	57	9	11	5	4	7	3	●
SP050050	M5×0.5	P2	5P	3	66	8	17	5.5	4.5	7	3	●
SP060050	M6×0.5	P2	5P	3	69	12	12	6	4.5	7	3	●
SP060075	M6×0.75	P2	5P	3	69	12	12	6	4.5	7	3	●
SP070075	M7×0.75	P3	5P	3	78	13	10	6.2	5	8	3	●
SP080075	M8×0.75	P3	5P	5	70	13	23	6.2	5	8	3	●
SP100075	M10×0.75	P3	5P	5	75	13	30	7	5.5	8	3	●
SPU640	NO.6-40UNF	P2	5P	3	50	8	12	4	3.2	6	3	●
SPU836	NO.8-36UNF	P2	5P	3	57	8	13.5	5	4	7	3	●

Tolerances under 6H/2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-POT SPIRAL POINTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TICN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

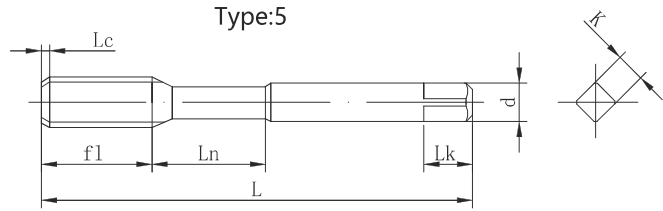
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
LP020480	M2×0.4	P2	5P	7	80	9	6	5	2.5	5	2	●
LP0204100	M2×0.4	P2	5P	7	100	9	6	5	2.5	5	2	●
LP02504580	M2.5×0.45	P2	5P	7	80	9	6	5	2.5	5	2	●
LP025045100	M2.5×0.45	P2	5P	7	100	9	6	5	2.5	5	2	●
LP030580	M3×0.5	P2	5P	7	80	12	7	4	3.2	6	3	●
LP0305100	M3×0.5	P2	5P	7	100	12	7	4	3.2	6	3	●
LP0305120	M3×0.5	P2	5P	7	120	12	7	4	3.2	6	3	●
LP0305150	M3×0.5	P2	5P	7	150	12	7	4	3.2	6	3	○
LP0350680	M3.5×0.6	P2	5P	7	80	13	7	4	3.2	6	3	●
LP03506100	M3.5×0.6	P2	5P	7	100	13	7	4	3.2	6	3	●
LP03506120	M3.5×0.6	P2	5P	7	120	13	7	4	3.2	6	3	●
LP03506150	M3.5×0.6	P2	5P	7	150	13	7	4	3.2	6	3	○
LP040780	M4×0.7	P2	5P	7	80	14	7	5	4	7	3	●
LP0407100	M4×0.7	P2	5P	7	100	14	7	5	4	7	3	●
LP0407120	M4×0.7	P2	5P	7	120	14	7	5	4	7	3	●
LP0407150	M4×0.7	P2	5P	7	150	14	7	5	4	7	3	○
LP050880	M5×0.8	P2	5P	7	80	16	9	5.5	4.5	7	3	●
LP0508100	M5×0.8	P2	5P	7	100	16	9	5.5	4.5	7	3	●
LP0508120	M5×0.8	P2	5P	7	120	16	9	5.5	4.5	7	3	●
LP0508150	M5×0.8	P2	5P	7	150	16	9	5.5	4.5	7	3	○
LP061080	M6×1	P2	5P	7	80	19.5	9.5	6	4.5	7	3	●
LP0610100	M6×1	P2	5P	7	100	19.5	9.5	6	4.5	7	3	●
LP0610120	M6×1	P2	5P	7	120	19.5	9.5	6	4.5	7	3	●
LP0610150	M6×1	P2	5P	7	150	19.5	9.5	6	4.5	7	3	●
LP0710100	M7×1	P3	5P	7	100	13	10	6.2	5	8	3	●
LP0710120	M7×1	P3	5P	7	120	13	10	6.2	5	8	3	●
LP0710150	M7×1	P3	5P	7	150	13	10	6.2	5	8	3	●
LP08125100	M8×1.25	P3	5P	5	100	22	15	6.2	5	8	3	●
LP08125120	M8×1.25	P3	5P	5	120	22	15	6.2	5	8	3	●
LP08125150	M8×1.25	P3	5P	5	150	22	15	6.2	5	8	3	○
LP0810100	M8×1	P3	5P	5	100	22	15	6.2	5	8	3	●
LP0810120	M8×1	P3	5P	5	120	22	15	6.2	5	8	3	●
LP0810150	M8×1	P3	5P	5	150	22	15	6.2	5	8	3	○
LP1015100	M10×1.5	P4	5P	5	100	24	19	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-POT SPIRAL POINTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

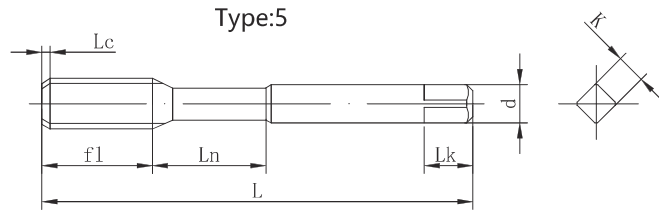
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
LP1015120	M10×1.5	P4	5P	5	120	24	19	7	5.5	8	3	●
LP1015150	M10×1.5	P4	5P	5	150	24	19	7	5.5	8	3	●
LP10125100	M10×1.25	P3	5P	5	100	24	19	7	5.5	8	3	●
LP10125120	M10×1.25	P3	5P	5	120	24	19	7	5.5	8	3	○
LP10125150	M10×1.25	P3	5P	5	150	24	19	7	5.5	8	3	○
LP1010100	M10×1	P3	5P	5	100	24	19	7	5.5	8	3	●
LP1010120	M10×1	P3	5P	5	120	24	19	7	5.5	8	3	○
LP1010150	M10×1	P3	5P	5	150	24	19	7	5.5	8	3	○
LP12175100	M12×1.75	P4	5P	5	100	29	17	8.5	6.5	9	3	●
LP12175120	M12×1.75	P4	5P	5	120	29	17	8.5	6.5	9	3	●
LP12175150	M12×1.75	P4	5P	5	150	29	17	8.5	6.5	9	3	●
LP1215100	M12×1.5	P4	5P	5	100	29	17	8.5	6.5	9	3	●
LP1215120	M12×1.5	P4	5P	5	120	29	17	8.5	6.5	9	3	○
LP1215150	M12×1.5	P4	5P	5	150	29	17	8.5	6.5	9	3	○
LP12125100	M12×1.25	P4	5P	5	100	29	17	8.5	6.5	9	3	●
LP12125120	M12×1.25	P4	5P	5	120	29	17	8.5	6.5	9	3	○
LP12125150	M12×1.25	P4	5P	5	150	29	17	8.5	6.5	9	3	○
LP1210100	M12×1	P3	5P	5	100	29	17	8.5	6.5	9	3	●
LP1210120	M12×1	P3	5P	5	120	29	17	8.5	6.5	9	3	○
LP1210150	M12×1	P3	5P	5	150	29	17	8.5	6.5	9	3	○
LP1420120	M14×2	P5	5P	5	120	20	31	10.5	8	11	3	●
LP1420150	M14×2	P5	5P	5	150	20	31	10.5	8	11	3	○
LP1415120	M14×1.5	P4	5P	5	120	20	31	10.5	8	11	3	○
LP1415150	M14×1.5	P4	5P	5	150	20	31	10.5	8	11	3	○
LP14125120	M14×1.25	P4	5P	5	120	20	31	10.5	8	11	3	○
LP14125150	M14×1.25	P4	5P	5	150	20	31	10.5	8	11	3	○
LP1410120	M14×1	P3	5P	5	120	20	31	10.5	8	11	3	○
LP1410150	M14×1	P3	5P	5	150	20	31	10.5	8	11	3	○
LP1620120	M16×2	P5	5P	5	120	20	32	12.5	10	13	3	○
LP1620150	M16×2	P5	5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-POT SPIRAL POINTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

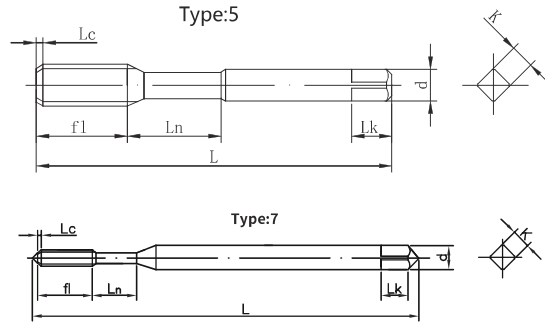
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LP1615120	M16×1.5	P4	5P	5	120	20	32	12.5	10	13	3	○
LP1615150	M16×1.5	P4	5P	5	150	20	32	12.5	10	13	3	○
LP16125120	M16×1.25	P4	5P	5	120	20	32	12.5	10	13	3	○
LP16125150	M16×1.25	P4	5P	5	150	20	32	12.5	10	13	3	○
LP1610120	M16×1	P3	5P	5	120	20	32	12.5	10	13	3	○
LP1610150	M16×1	P3	5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-POT SPIRAL POINTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TICN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.

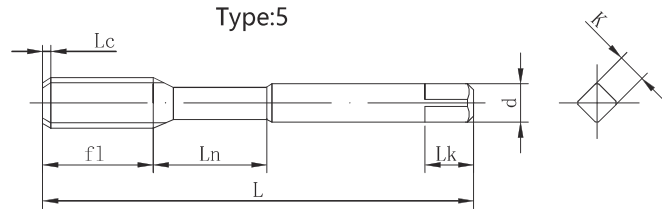
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LPU44080	NO.4-40UNC	P2	5P	7	80	10	6	3	2.5	5	2	●
LPU440100	NO.4-40UNC	P2	5P	7	100	10	6	3	2.5	5	2	●
LPU54080	NO.5-40UNC	P2	5P	7	80	12	7	4	3.2	6	3	○
LPU540100	NO.5-40UNC	P2	5P	7	100	12	7	4	3.2	6	3	○
LPU63280	NO.6-32UNC	P2	5P	7	80	13	7	4	3.2	6	3	●
LPU632100	NO.6-32UNC	P2	5P	7	100	13	7	4	3.2	6	3	●
LPU632120	NO.6-32UNC	P2	5P	7	120	13	7	4	3.2	6	3	○
LPU632150	NO.6-32UNC	P2	5P	7	150	13	7	4	3.2	6	3	○
LPU83280	NO.8-32UNC	P2	5P	7	80	13.5	8	5	4	7	3	●
LPU832100	NO.8-32UNC	P2	5P	7	100	13.5	8	5	4	7	3	●
LPU832120	NO.8-32UNC	P2	5P	7	120	13.5	8	5	4	7	3	○
LPU832150	NO.8-32UNC	P2	5P	7	150	13.5	8	5	4	7	3	○
LPU102480	NO.10-24UNC	P2	5P	7	80	16.5	9.5	5.5	4.5	7	3	●
LPU1024100	NO.10-24UNC	P2	5P	7	100	16.5	9.5	5.5	4.5	7	3	●
LPU1024120	NO.10-24UNC	P2	5P	7	120	16.5	9.5	5.5	4.5	7	3	○
LPU1024150	NO.10-24UNC	P2	5P	7	150	16.5	9.5	5.5	4.5	7	3	○
LPU122480	NO.12-24UNC	P2	5P	7	80	16.5	9.5	5.5	4.5	7	3	●
LPU1224100	NO.12-24UNC	P2	5P	7	100	16.5	9.5	5.5	4.5	7	3	●
LPU1224120	NO.12-24UNC	P2	5P	7	120	16.5	9.5	5.5	4.5	7	3	○
LPU1224150	NO.12-24UNC	P2	5P	7	150	16.5	9.5	5.5	4.5	7	3	○
LPU142080	1/4-20UNC	P2	5P	7	80	19.5	9.5	6	4.5	7	3	●
LPU1420100	1/4-20UNC	P2	5P	7	100	19.5	9.5	6	4.5	7	3	●
LPU1420120	1/4-20UNC	P2	5P	7	120	19.5	9.5	6	4.5	7	3	●
LPU1420150	1/4-20UNC	P2	5P	7	150	19.5	9.5	6	4.5	7	3	●
LPU51618100	5/16-18UNC	P3	5P	5	100	23	15	6.1	5	8	3	●
LPU51618120	5/16-18UNC	P3	5P	5	120	23	15	6.1	5	8	3	●
LPU51618150	5/16-18UNC	P3	5P	5	150	23	15	6.1	5	8	3	○
LPU51624100	5/16-24UNF	P3	5P	5	100	23	15	6.1	5	8	3	●
LPU51624120	5/16-24UNF	P3	5P	5	120	23	15	6.1	5	8	3	●
LPU51624150	5/16-24UNF	P3	5P	5	150	23	15	6.1	5	8	3	●
LPU3816100	3/8-16UNC	P3	5P	5	100	25	18	7	5.5	8	3	●
LPU3816120	3/8-16UNC	P3	5P	5	120	25	18	7	5.5	8	3	●
LPU3816150	3/8-16UNC	P3	5P	5	150	25	18	7	5.5	8	3	●
LPU3824100	3/8-24UNF	P3	5P	5	100	25	18	7	5.5	8	3	●
LPU3824120	3/8-24UNF	P3	5P	5	120	25	18	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## L-POT SPIRAL POINTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TiCN-AL coating, forward chip removal, excellent wear resistance.
- ◎ Suitable for processing carbon steel and alloy steel below 30HRC.



Unit:mm

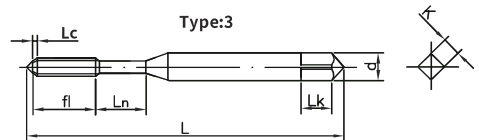
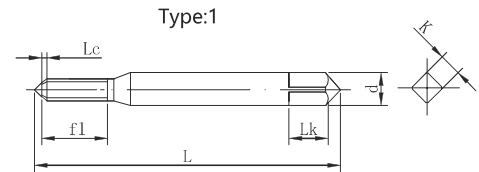
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LPU3824150	3/8-24UNF	P3	5P	5	150	25	18	7	5.5	8	3	○
LPU71614100	7/16-14UNC	P4	5P	5	100	29	16	8	6	9	3	●
LPU71614120	7/16-14UNC	P4	5P	5	120	29	16	8	6	9	3	●
LPU71614150	7/16-14UNC	P4	5P	5	150	29	16	8	6	9	3	○
LPU71620100	7/16-20UNF	P3	5P	5	100	29	16	8	6	9	3	●
LPU71620120	7/16-20UNF	P3	5P	5	120	29	16	8	6	9	3	●
LPU71620150	7/16-20UNF	P3	5P	5	150	29	16	8	6	9	3	○
LPU1213100	1/2-13UNC	P4	5P	5	100	30	18	9	7	10	3	●
LPU1213120	1/2-13UNC	P4	5P	5	120	30	18	9	7	10	3	●
LPU1213150	1/2-13UNC	P4	5P	5	150	30	18	9	7	10	3	○
LPU1220100	1/2-20UNF	P3	5P	5	100	30	18	9	7	10	3	●
LPU1220120	1/2-20UNF	P3	5P	5	120	30	18	9	7	10	3	●
LPU1220150	1/2-20UNF	P3	5P	5	150	30	18	9	7	10	3	○
LPU91612120	9/16-12UNC	P4	5P	5	120	30	20	10.5	8	11	3	○
LPU91612150	9/16-12UNC	P4	5P	5	150	30	20	10.5	8	11	3	○
LPU91618120	9/16-18UNF	P3	5P	5	120	30	20	10.5	8	11	3	○
LPU91618150	9/16-18UNF	P3	5P	5	150	30	20	10.5	8	11	3	○
LPU5811110	5/8-11UNC	P4	5P	5	120	23	25	12	9	12	3	○
LPU5811150	5/8-11UNC	P4	5P	5	150	23	25	12	9	12	3	○
LPU5818110	5/8-18UNF	P3	5P	5	120	23	25	12	9	12	3	○
LPU5818150	5/8-18UNF	P3	5P	5	150	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	-	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## BBS-POT SPIRAL POINTED TAPS FOR DIFFICULT TO MACHINE MATERIAL



- ◎ High-speed steel material;
- ◎ Suitable for the hardness of 30-48HRC carbon carburizing steel or alloy carburizing steel.
- ◎ Special tap structure, suitable for CNC tool shank, tool bar, cutter head and other products of high hardness cutting conditions, good thread quality.

Unit:mm



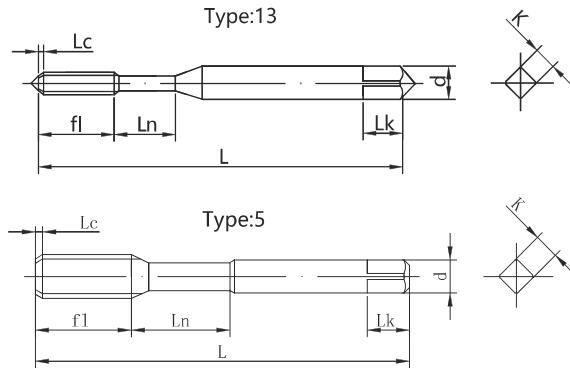
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
BBS016035	M1.6×0.35	P1	5P	1	37	8	—	3	2.5	3	2	●
BBS018035	M1.8×0.35	P2	5P	1	37	8	—	3	2.5	3	2	●
BBS020040	M2×0.4	P2	5P	1	45	11	—	3	2.5	3	2	●
BBS022045	M2.2×0.45	P2	5P	1	45	12	—	3	2.5	3	2	●
BBS025045	M2.5×0.45	P2	5P	1	45	12	—	3	2.5	3	2	●
BBS030050	M3×0.5	P2	5P	3	50	12	7	4	3.2	6	3	●
BBS040070	M4×0.7	P2	5P	3	57	14	7	5	4	7	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

TAPS FOR CARBON STEEL & ALLOY STEEL

## TB06-ISI SPIRAL POINTED TAPS



- ⊙ High-speed steel material
- ⊙ Complex coating, excellent wear resistance
- ⊙ Suitable for carbon steel, alloy steel below 35HRC processing

Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	Ln	d	k	Lk	
TB06R06100	M6×1	6HX	7.5	13	80	10	20	6	4.9	8	●
TB06R07100	M7×1	6HX	7.5	13	80	10	20	7	5.5	8	●
TB06R08125	M8×1.25	6HX	7.5	5	90	13	22	8	6.2	9	●
TB06R08100	M8×1	6HX	7.5	5	90	13	22	8	6.2	9	●
TB06R10150	M10×1.5	6HX	7.5	5	100	15	24	10	8	11	●
TB06R10125	M10×1.25	6HX	7.5	5	100	15	24	10	8	11	●
TB06R10100	M10×1	6HX	7.5	5	100	15	24	10	8	11	●
TB06R12175	M12×1.75	6HX	7.5	5	110	17	32	9	7	10	●
TB06R12150	M12×1.5	6HX	7.5	5	110	17	32	9	7	10	●
TB06R12125	M12×1.25	6HX	7.5	5	110	17	32	9	7	10	●
TB06R12100	M12×1	6HX	7.5	5	110	17	32	9	7	10	●
TB06R14200	M14×2	6HX	7.5	5	110	20	33	11	9	12	●
TB06R14150	M14×1.5	6HX	7.5	5	110	20	33	11	9	12	●
TB06R14125	M14×1.25	6HX	7.5	5	110	20	33	11	9	12	●
TB06R14100	M14×1	6HX	7.5	5	110	20	33	11	9	12	●
TB06R16200	M16×2	6HX	7.5	5	110	20	34	12	9	12	●
TB06R16150	M16×1.5	6HX	7.5	5	110	20	34	12	9	12	●
TB06R16125	M16×1.25	6HX	7.5	5	110	20	34	12	9	12	●
TB06R16100	M16×1	6HX	7.5	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	-	-	-	-	-	-	-	-	-

# T-BELI



# JIS DIN Standard

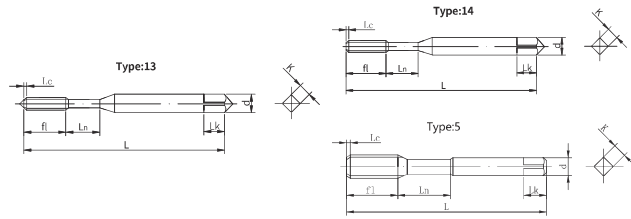


## TAPS FOR STAINLESS STEEL

<b>GLI CPS</b>	GLI FORMING TAPS (DIN).....	59/61
<b>GX08-CPS</b>	GX08 FORMING TAPS (JIS).....	62/64
<b>GX08-S-CPS</b>	GX08-S-CPS FORMING TAPS WITH FINE THREAD (JIS).....	65/67
<b>GX08-B-CPS</b>	GX08-B-CPS FORMING TAPS WITH LONG NECK (JIS).....	68/69
<b>GX08-LH-CPS</b>	GX08-LH-CPS FORMING TAPS WITH LH THREAD (JIS).....	70/72
<b>GX08-L-CPS</b>	GX08-L-CPS FORMING TAPS WITH LONG SHANK (JIS).....	73/79
<b>G3IS</b>	G3IS SPIRAL FLUTED TAPS (DIN).....	80
<b>STM75</b>	STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL (JIS).....	81/82
<b>S-STM</b>	S-STM SPIRAL FLUTED TAPS WITH FINE THREAD (JIS).....	83
<b>L-STM</b>	L-STM SPIRAL FLUTED TAPS WITH LONG SHANK (JIS).....	84/88
<b>GI3-GPT</b>	GI3-GPT SPIRAL POINTED TAPS (DIN).....	89
<b>JIS-POT</b>	JIS -POT SPIRAL POINTED TAPS (JIS).....	90/91
<b>S-POT</b>	S-POT SPIRAL POINTED TAPS WITH FINE THREAD (JIS).....	92
<b>L-POT</b>	L-POT SPIRAL POINTED TAPS (JIS).....	93/97

## TAPS FOR STAINLESS STEEL

### GLI FORMING TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

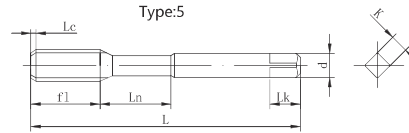
Unit:mm

Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	Ln	d	k	Lk	
GIL04070P	M4×0.7	6HX	4P	13	63	9	12	4.5	3.4	6	●
GIL04070B	M4×0.7	6HX	2.5P	14	63	9	12	4.5	3.4	6	●
GIL05080P	M5×0.8	6HX	4P	13	70	10	15	6	4.9	8	●
GIL05080B	M5×0.8	6HX	2.5P	14	70	10	15	6	4.9	8	●
GIL06100P	M6×1	6HX	4P	13	80	10	20	6	4.9	8	●
GIL06100B	M6×1	6HX	2.5P	14	80	10	20	6	4.9	8	●
GIL07100P	M7×1	6HX	4P	13	80	10	20	7	5.5	8	●
GIL07100B	M7×1	6HX	2.5P	14	80	10	20	7	5.5	8	●
GIL08125P	M8×1.25	6HX	4P	5	90	13	22	8	6.2	9	●
GIL08125B	M8×1.25	6HX	2.5P	5	90	13	22	8	6.2	9	●
GIL08100P	M8×1	6HX	4P	5	90	13	22	8	6.2	9	●
GIL08100B	M8×1	6HX	2.5P	5	90	13	22	8	6.2	9	●
GIL10150P	M10×1.5	6HX	4P	5	100	15	24	10	8	11	●
GIL10150B	M10×1.5	6HX	2.5P	5	100	15	24	10	8	11	●
GIL10125P	M10×1.25	6HX	4P	5	100	15	24	10	8	11	●
GIL10125B	M10×1.25	6HX	2.5P	5	100	15	24	10	8	11	●
GIL10100P	M10×1	6HX	4P	5	100	15	24	10	8	11	●
GIL10100B	M10×1	6HX	2.5P	5	100	15	24	10	8	11	●
GIL12175P	M12×1.75	6HX	4P	5	110	17	32	9	7	10	●
GIL12175B	M12×1.75	6HX	2.5P	5	110	17	32	9	7	10	●
GIL12150P	M12×1.5	6HX	4P	5	110	17	32	9	7	10	●
GIL12150B	M12×1.5	6HX	2.5P	5	110	17	32	9	7	10	●
GIL12125P	M12×1.25	6HX	4P	5	110	17	32	9	7	10	●
GIL12125B	M12×1.25	6HX	2.5P	5	110	17	32	9	7	10	●
GIL12100P	M12×1	6HX	4P	5	110	17	32	9	7	10	●
GIL12100B	M12×1	6HX	2.5P	5	110	17	32	9	7	10	●
GIL14200P	M14×2	6HX	4P	5	110	20	33	11	9	12	●
GIL14200B	M14×2	6HX	2.5P	5	110	20	33	11	9	12	●
GIL14150P	M14×1.5	6HX	4P	5	110	20	33	11	9	12	●
GIL14150B	M14×1.5	6HX	2.5P	5	110	20	33	11	9	12	●
GIL14125P	M14×1.25	6HX	4P	5	110	20	33	11	9	12	●
GIL14125B	M14×1.25	6HX	2.5P	5	110	20	33	11	9	12	●
GIL14100P	M14×1	6HX	4P	5	110	20	33	11	9	12	●
GIL14100B	M14×1	6HX	2.5P	5	110	20	33	11	9	12	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GLI FORMING TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

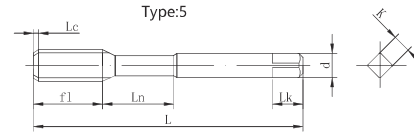
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	Ln	d	k	Lk	
GIL16200P	M16×2	6HX	4P	5	110	20	34	12	9	12	●
GIL16200B	M16×2	6HX	2.5P	5	110	20	34	12	9	12	●
GIL16150P	M16×1.5	6HX	4P	5	110	20	34	12	9	12	●
GIL16150B	M16×1.5	6HX	2.5P	5	110	20	34	12	9	12	●
GIL16125P	M16×1.25	6HX	4P	5	110	20	34	12	9	12	●
GIL16125B	M16×1.25	6HX	2.5P	5	110	20	34	12	9	12	●
GIL16100P	M16×1	6HX	4P	5	110	20	34	12	9	12	●
GIL16100B	M16×1	6HX	2.5P	5	110	20	34	12	9	12	●
GIL18250P	M18×2.5	6HX	4P	5	125	25	36	14	11	14	○
GIL18250B	M18×2.5	6HX	2.5P	5	125	25	36	14	11	14	○
GIL18200P	M18×2	6HX	4P	5	125	25	36	14	11	14	○
GIL18200B	M18×2	6HX	2.5P	5	125	25	36	14	11	14	○
GIL18150P	M18×1.5	6HX	4P	5	125	25	36	14	11	14	○
GIL18150B	M18×1.5	6HX	2.5P	5	125	25	36	14	11	14	○
GIL20250P	M20×2.5	6HX	4P	5	140	25	44	16	12	15	○
GIL20250B	M20×2.5	6HX	2.5P	5	140	25	44	16	12	15	○
GIL20200P	M20×2	6HX	4P	5	140	25	44	16	12	15	○
GIL20200B	M20×2	6HX	2.5P	5	140	25	44	16	12	15	○
GIL20150P	M20×1.5	6HX	4P	5	140	25	44	16	12	15	○
GIL20150B	M20×1.5	6HX	2.5P	5	140	25	44	16	12	15	○
GIL22250P	M22×2.5	6HX	4P	5	140	25	44	18	14.5	17	○
GIL22250B	M22×2.5	6HX	2.5P	5	140	25	44	18	14.5	17	○
GIL22200P	M22×2	6HX	4P	5	140	25	44	18	14.5	17	○
GIL22200B	M22×2	6HX	2.5P	5	140	25	44	18	14.5	17	○
GIL22150P	M22×1.5	6HX	4P	5	140	25	44	18	14.5	17	○
GIL22150B	M22×1.5	6HX	2.5P	5	140	25	44	18	14.5	17	○
GIL24300P	M24×3	6HX	4P	5	160	30	48	18	14.5	17	○
GIL24300B	M24×3	6HX	2.5P	5	160	30	48	18	14.5	17	○
GIL24250P	M24×2.5	6HX	4P	5	160	30	48	18	14.5	17	○
GIL24250B	M24×2.5	6HX	2.5P	5	160	30	48	18	14.5	17	○
GIL24200P	M24×2	6HX	4P	5	160	30	48	18	14.5	17	○
GIL24200B	M24×2	6HX	2.5P	5	160	30	48	18	14.5	17	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GLI FORMING TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

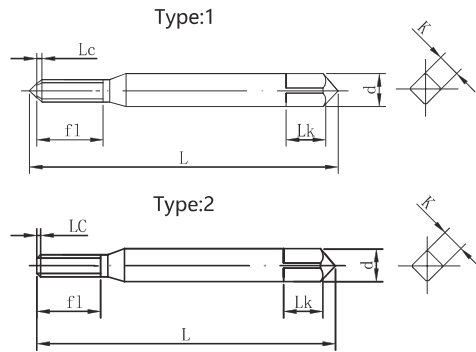
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Stock
					L	fl	ln	d	k	Lk	
GIL27250P	M27×2.5	6HX	4P	5	160	30	48	20	16	19	○
GIL27250B	M27×2.5	6HX	2.5P	5	160	30	48	20	16	19	○
GIL27200P	M27×2	6HX	4P	5	160	30	48	20	16	19	○
GIL27200B	M27×2	6HX	2.5P	5	160	30	48	20	16	19	○
GIL30350P	M30×3.5	6HX	4P	5	180	35	53	22	18	21	○
GIL30350B	M30×3.5	6HX	2.5P	5	180	35	53	22	18	21	○
GIL30300P	M30×3	6HX	4P	5	180	35	53	22	18	21	○
GIL30300B	M30×3	6HX	2.5P	5	180	35	53	22	18	21	○
GIL30250P	M30×2.5	6HX	4P	5	180	35	53	22	18	21	○
GIL30250B	M30×2.5	6HX	2.5P	5	180	35	53	22	18	21	○
GIL30200P	M30×2	6HX	4P	5	180	35	53	22	18	21	○
GIL30200B	M30×2	6HX	2.5P	5	180	35	53	22	18	21	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ Suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

Unit:mm

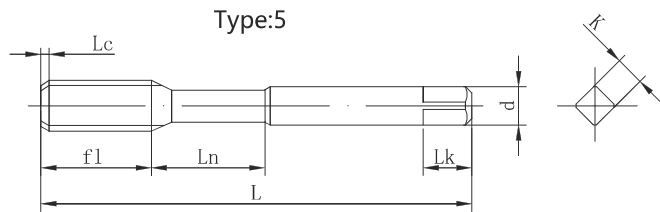
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	f1	In	d	k	Lk		
MX010025P	M1×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	●
MX010025B	M1×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	●
MX012025P	M1.2×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	●
MX012025B	M1.2×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	●
MX014030P	M1.4×0.3	RH4	4P	1	37	6.5	—	3	2.5	3	—	●
MX014030B	M1.4×0.3	RH4	2P	2	36	6.5	—	3	2.5	3	—	●
MX016035P	M1.6×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
MX016035B	M1.6×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
MX017035P	M1.7×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
MX017035B	M1.7×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
MX020040P	M2×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
MX020040B	M2×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
MX023040P	M2.3×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
MX023040B	M2.3×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
MX025045P	M2.5×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
MX025045B	M2.5×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
MX026045P	M2.6×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
MX026045B	M2.6×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
MX030050P	M3×0.5	RH7	4P	1	50	16	—	4	3.2	6	—	●
MX030050B	M3×0.5	RH7	2P	2	48	16	—	4	3.2	6	—	●
MX035060P	M3.5×0.6	RH7	4P	1	50	16	—	4	3.2	6	—	●
MX035060B	M3.5×0.6	RH7	2P	2	48	16	—	4	3.2	6	—	●
MX040070P	M4×0.7	RH7	4P	1	57	18	—	5	4	7	—	●
MX040070B	M4×0.7	RH7	2P	2	55	18	—	5	4	7	—	●
MX050080P	M5×0.8	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
MX050080B	M5×0.8	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
MX060100P	M6×1	RH7	4P	1	69	27	—	6	4.5	7	2	●
MX060100B	M6×1	RH7	2P	2	66.5	27	—	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

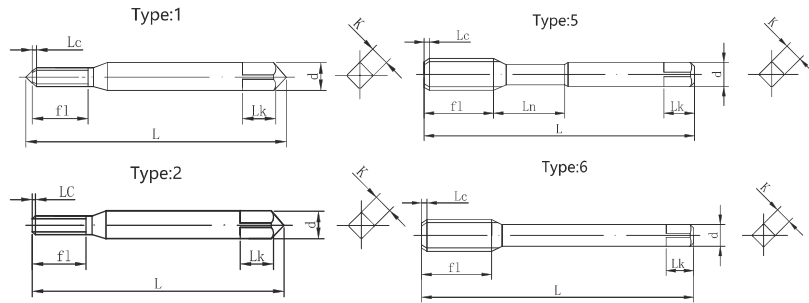
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MX070100P	M7×1	RH7	4P	5	70	13	10	6.2	5	8	2	●
MX070100B	M7×1	RH7	2P	5	70	13	10	6.2	5	8	2	●
MX080125P	M8×1.25	RH7	4P	5	70	13	23	6.2	5	8	3	●
MX080125B	M8×1.25	RH7	2P	5	70	13	23	6.2	5	8	3	●
MX100150P	M10×1.5	RH8	4P	5	75	15	28	7	5.5	8	6	●
MX100150B	M10×1.5	RH8	2P	5	75	15	28	7	5.5	8	6	●
MX120175P	M12×1.75	RH9	4P	5	82	17	25	8.5	6.5	9	6	●
MX120175B	M12×1.75	RH9	2P	5	82	17	25	8.5	6.5	9	6	●
MX140200P	M14×2	RH10	4P	5	88	20	31	10.5	8	11	6	●
MX140200B	M14×2	RH10	2P	5	88	20	31	10.5	8	11	6	●
MX160200P	M16×2	RH10	4P	5	95	20	32	12.5	10	13	6	●
MX160200B	M16×2	RH10	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

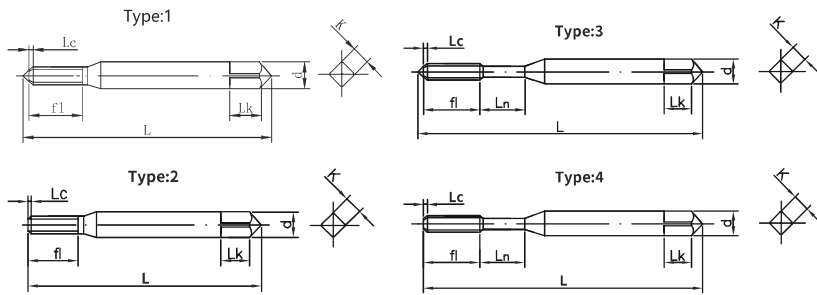
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
MXU164P	NO.1-64UNC	RH4	4P	1	37	9	—	3	2.5	3	—	●
MXU164B	NO.1-64UNC	RH4	2P	2	35.5	9	—	3	2.5	3	—	●
MXU256P	NO.2-56UNC	RH4	4P	1	45	12	—	3	2.5	3	—	●
MXU256B	NO.2-56UNC	RH4	2P	2	43.5	12	—	3	2.5	3	—	●
MXU348P	NO.3-48UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
MXU348B	NO.3-48UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
MXU440P	NO.4-40UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
MXU440B	NO.4-40UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
MXU540P	NO.5-40UNC	RH4	4P	1	50	15	—	4	3.2	6	—	●
MXU540B	NO.5-40UNC	RH4	2P	2	48	15	—	4	3.2	6	—	●
MXU632P	NO.6-32UNC	RH7	4P	1	50	16	—	4	3.2	6	—	●
MXU632B	NO.6-32UNC	RH7	2P	2	48	16	—	4	3.2	6	—	●
MXU832P	NO.8-32UNC	RH7	4P	1	57	18	—	5	4	7	—	●
MXU832B	NO.8-32UNC	RH7	2P	2	54.5	18	—	5	4	7	—	●
MXU1024P	NO.10-24UNC	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
MXU1024B	NO.10-24UNC	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
MXU1224P	NO.12-24UNC	RH7	4P	1	66	23	—	5.5	4.5	7	—	●
MXU1224B	NO.12-24UNC	RH7	2P	2	63.5	23	—	5.5	4.5	7	—	●
MXU1420P	1/4-20UNC	RH7	4P	6	62	27	—	6	4.5	7	2	●
MXU1420B	1/4-20UNC	RH7	2P	6	62	27	—	6	4.5	7	2	●
MXU51618P	5/16-18UNC	RH8	4P	5	70	15	15	6.1	5	8	3	●
MXU51618B	5/16-18UNC	RH8	2P	5	70	15	15	6.1	5	8	3	●
MXU3816P	3/8-16UNC	RH8	4P	5	75	16	27	7	5.5	8	6	●
MXU3816B	3/8-16UNC	RH8	2P	5	75	16	27	7	5.5	8	6	●
MXU71614P	7/16-14UNC	RH8	4P	5	80	20	20	8	6	9	6	●
MXU71614B	7/16-14UNC	RH8	2P	5	80	20	20	8	6	9	6	●
MXU1213P	1/2-13UNC	RH8	4P	5	85	21	27	9	7	10	6	●
MXU1213B	1/2-13UNC	RH8	2P	5	85	21	27	9	7	10	6	●
MXU91612P	9/16-12UNC	RH9	4P	5	90	21	29	10.5	8	11	6	●
MXU91612B	9/16-12UNC	RH9	2P	5	90	21	29	10.5	8	11	6	●
MXU5811P	5/8-11UNC	RH10	4P	5	95	23	25	12	9	12	6	●
MXU5811B	5/8-11UNC	RH10	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

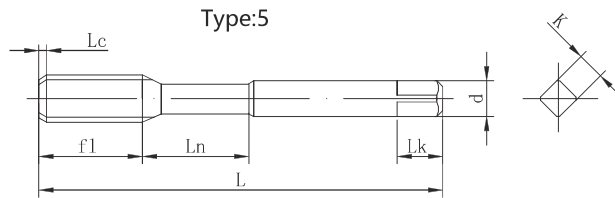
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MX010020P	M1×0.2	RH4	4P	1	32	3	—	3	2.5	3	—	●
MX010020B	M1×0.2	RH4	2P	2	31	3	—	3	2.5	3	—	●
MX012020P	M1.2×0.2	RH4	4P	1	32	3	—	3	2.5	3	—	●
MX012020B	M1.2×0.2	RH4	2P	2	31	3	—	3	2.5	3	—	●
MX014020P	M1.4×0.2	RH4	4P	1	37	3	—	3	2.5	3	—	●
MX014020B	M1.4×0.2	RH4	2P	2	36	3	—	3	2.5	3	—	●
MX016020P	M1.6×0.2	RH4	4P	1	37	3	—	3	2.5	3	—	●
MX016020B	M1.6×0.2	RH4	2P	2	36	3	—	3	2.5	3	—	●
MX020025P	M2×0.25	RH4	4P	1	45	4	—	3	2.5	3	—	●
MX020025B	M2×0.25	RH4	2P	2	43.5	4	—	3	2.5	3	—	●
MX030035P	M3×0.35	RH4	4P	3	50	6	8	4	3.2	6	—	●
MX030035B	M3×0.35	RH4	2P	4	48	6	8	4	3.2	6	—	●
MX040050P	M4×0.5	RH7	4P	3	57	8	8	5	4	7	—	●
MX040050B	M4×0.5	RH7	2P	4	55	8	8	5	4	7	—	●
MX050050P	M5×0.5	RH7	4P	3	66	8	8	5.5	4.5	7	—	●
MX050050B	M5×0.5	RH7	2P	4	64	8	8	5.5	4.5	7	—	●
MX060050P	M6×0.5	RH7	4P	3	69	12	12	6	4.5	7	2	●
MX060050B	M6×0.5	RH7	2P	4	66	12	12	6	4.5	7	2	●
MX060075P	M6×0.75	RH7	4P	3	69	12	12	6	4.5	7	2	●
MX060075B	M6×0.75	RH7	2P	4	66	12	12	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

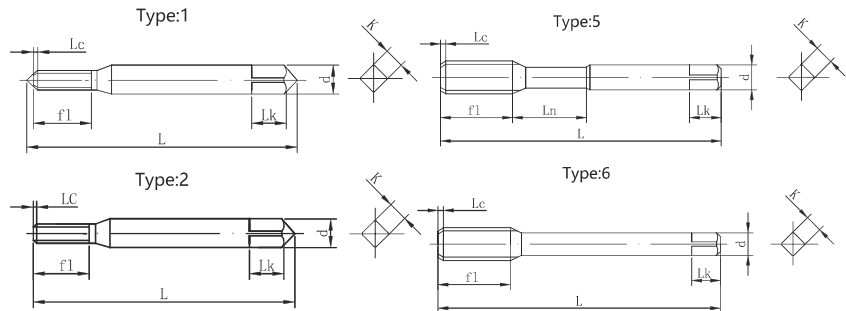
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MX080100P	M8×1	RH7	4P	5	70	13	23	6.2	5	8	3	●
MX080100B	M8×1	RH7	2P	5	70	13	23	6.2	5	8	3	●
MX080075P	M8×0.75	RH7	4P	5	70	13	23	6.2	5	8	3	●
MX080075B	M8×0.75	RH7	2P	5	70	13	23	6.2	5	8	3	●
MX100125P	M10×1.25	RH7	4P	5	75	13	30	7	5.5	8	6	●
MX100125B	M10×1.25	RH7	2P	5	75	13	30	7	5.5	8	6	●
MX100100P	M10×1	RH7	4P	5	75	13	30	7	5.5	8	6	●
MX100100B	M10×1	RH7	2P	5	75	13	30	7	5.5	8	6	●
MX100075P	M10×0.75	RH7	4P	5	75	13	30	7	5.5	8	6	●
MX100075B	M10×0.75	RH7	2P	5	75	13	30	7	5.5	8	6	●
MX120150P	M12×1.5	RH8	4P	5	82	17	25	8.5	6.5	9	6	●
MX120150B	M12×1.5	RH8	2P	5	82	17	25	8.5	6.5	9	6	●
MX120125P	M12×1.25	RH7	4P	5	82	13	29	8.5	6.5	9	6	●
MX120125B	M12×1.25	RH7	2P	5	82	13	29	8.5	6.5	9	6	●
MX120100P	M12×1	RH7	4P	5	82	13	29	8.5	6.5	9	6	●
MX120100B	M12×1	RH7	2P	5	82	13	29	8.5	6.5	9	6	●
MX140150P	M14×1.5	RH8	4P	5	88	20	31	10.5	8	11	6	●
MX140150B	M14×1.5	RH8	2P	5	88	20	31	10.5	8	11	6	●
MX140125P	M14×1.25	RH7	4P	5	88	20	31	10.5	8	11	6	●
MX140125B	M14×1.25	RH7	2P	5	88	20	31	10.5	8	11	6	●
MX140100P	M14×1	RH7	4P	5	88	20	31	10.5	8	11	6	●
MX140100B	M14×1	RH7	2P	5	88	20	31	10.5	8	11	6	●
MX160150P	M16×1.5	RH8	4P	5	95	20	32	12.5	10	13	6	●
MX160150B	M16×1.5	RH8	2P	5	95	20	32	12.5	10	13	6	●
MX160125P	M16×1.25	RH7	4P	5	95	20	32	12.5	10	13	6	●
MX160125B	M16×1.25	RH7	2P	5	95	20	32	12.5	10	13	6	●
MX160100P	M16×1	RH7	4P	5	95	20	32	12.5	10	13	6	●
MX160100B	M16×1	RH7	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

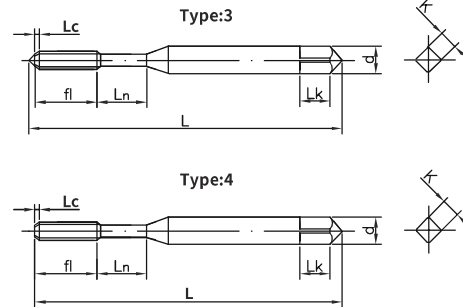
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
MXU080P	NO.0-80UNF	RH4	4P	1	37	6.5	—	3	2.5	3	—	●
MXU080B	NO.0-80UNF	RH4	2P	2	35.5	6.5	—	3	2.5	3	—	●
MXU172P	NO.1-72UNF	RH4	4P	1	37	9	—	3	2.5	3	—	●
MXU172B	NO.1-72UNF	RH4	2P	2	35.5	9	—	3	2.5	3	—	●
MXU1032P	NO.10-32UNF	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
MXU1032B	NO.10-32UNF	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
MXU1228P	NO.12-28UNF	RH7	4P	1	66	23	—	5.5	4.5	7	—	●
MXU1228B	NO.12-28UNF	RH7	2P	2	63.5	23	—	5.5	4.5	7	—	●
MXU1428P	1/4-28UNF	RH7	4P	6	62	27	—	6	4.5	7	2	●
MXU1428B	1/4-28UNF	RH7	2P	6	62	27	—	6	4.5	7	2	●
MXU51624P	5/16-24UNF	RH7	4P	5	70	11	19	6.1	5	8	3	●
MXU51624B	5/16-24UNF	RH7	2P	5	70	11	19	6.1	5	8	3	●
MXU3824P	3/8-24UNF	RH7	4P	5	75	11	32	7	5.5	8	6	●
MXU3824B	3/8-24UNF	RH7	2P	5	75	11	32	7	5.5	8	6	●
MXU71620P	7/16-20UNF	RH7	4P	5	80	13	27	8	6	9	6	●
MXU71620B	7/16-20UNF	RH7	2P	5	80	13	27	8	6	9	6	●
MXU1220P	1/2-20UNF	RH7	4P	5	85	13	35	9	7	10	6	●
MXU1220B	1/2-20UNF	RH7	2P	5	85	13	35	9	7	10	6	●
MXU91618P	9/16-18UNF	RH8	4P	5	90	15	35	10.5	8	11	6	●
MXU91618B	9/16-18UNF	RH8	2P	5	90	15	35	10.5	8	11	6	●
MXU5818P	5/8-18UNF	RH8	4P	5	95	23	25	12	9	12	6	●
MXU5818B	5/8-18UNF	RH8	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

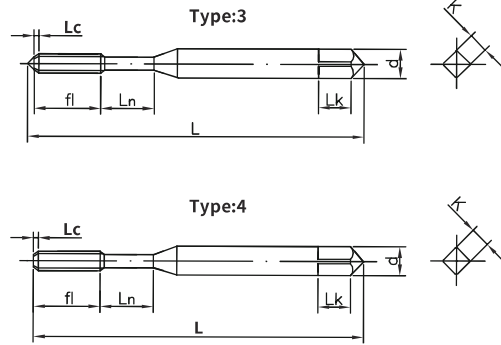
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MXB0204P	M2×0.4	RH5	4P	3	45	7	6	3	2.5	3	—	●
MXB0204B	M2×0.4	RH5	2P	4	43.5	7	6	3	2.5	3	—	●
MXB025045P	M2.5×0.45	RH5	4P	3	45	8	7	3	2.5	3	—	●
MXB025045B	M2.5×0.45	RH5	2P	4	43.5	8	7	3	2.5	3	—	●
MXB0305P	M3×0.5	RH7	4P	3	50	10	8	4	3.2	6	—	●
MXB0305B	M3×0.5	RH7	2P	4	48	10	8	4	3.2	6	—	●
MXB03506P	M3.5×0.6	RH7	4P	3	50	10	8	4	3.2	6	—	●
MXB03506B	M3.5×0.6	RH7	2P	4	48	10	8	4	3.2	6	—	●
MXB0407P	M4×0.7	RH7	4P	3	57	11	9	5	4	7	—	●
MXB0407B	M4×0.7	RH7	2P	4	55	11	9	5	4	7	—	●
MXB045075P	M4.5×0.75	RH7	4P	3	57	11	9	5	4	7	—	●
MXB045075B	M4.5×0.75	RH7	2P	4	55	11	9	5	4	7	—	●
MXB0508P	M5×0.8	RH7	4P	3	66	12	10	5.5	4.5	7	—	●
MXB0508B	M5×0.8	RH7	2P	4	63.5	12	10	5.5	4.5	7	—	●
MXB0610P	M6×1	RH7	4P	3	69	12	12	6	4.5	7	2	●
MXB0610B	M6×1	RH7	2P	4	66	12	12	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

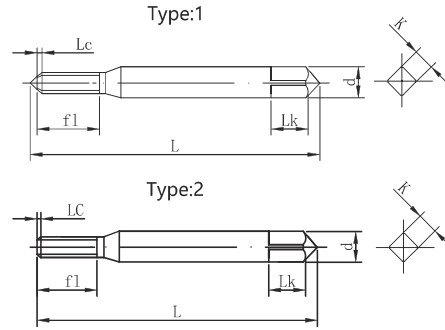
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	In	d	k	Lk		
MXUB440P	NO.4-40UNC	RH4	4P	3	45	9	7	3	2.5	3	—	●
MXUB440B	NO.4-40UNC	RH4	2P	4	43.5	9	7	3	2.5	3	—	●
MXUB540P	NO.5-40UNC	RH4	4P	3	50	10	8	4	3.2	6	—	●
MXUB540B	NO.5-40UNC	RH4	2P	4	48	10	8	4	3.2	6	—	●
MXUB632P	NO.6-32UNC	RH7	4P	3	50	10	8	4	3.2	6	—	●
MXUB632B	NO.6-32UNC	RH7	2P	4	48	10	8	4	3.2	6	—	●
MXUB832P	NO.8-32UNC	RH7	4P	3	57	11	9	5	4	7	—	●
MXUB832B	NO.8-32UNC	RH7	2P	4	55	11	9	5	4	7	—	●
MXUB1024P	NO.10-24UNC	RH7	4P	3	66	12	10	5.5	4.5	7	—	●
MXUB1024B	NO.10-24UNC	RH7	2P	4	63.5	12	10	5.5	4.5	7	—	●
MXUB1224P	NO.12-24UNC	RH7	4P	3	66	12	12	5.5	4.5	7	—	●
MXUB1224B	NO.12-24UNC	RH7	2P	4	63.5	12	12	5.5	4.5	7	—	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ Thread left - handed, suitable for left - thread machining.
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

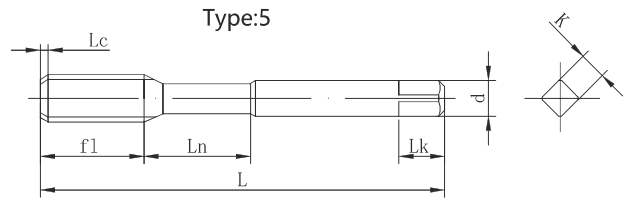
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	In	d	k	Lk		
MLH01025P	M1×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	○
MLH01025B	M1×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	○
MLH01225P	M1.2×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	○
MLH01225B	M1.2×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	○
MLH014030P	M1.4×0.3	RH4	4P	1	37	6.5	—	3	2.5	3	—	○
MLH014030B	M1.4×0.3	RH4	2P	2	36	6.5	—	3	2.5	3	—	○
MLH016035P	M1.6×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	○
MLH016035B	M1.6×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	○
MLH017035P	M1.7×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
MLH017035B	M1.7×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
MLH020040P	M2×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
MLH020040B	M2×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
MLH023040P	M2.3×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
MLH023040B	M2.3×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
MLH025045P	M2.5×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
MLH025045B	M2.5×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
MLH026045P	M2.6×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
MLH026045B	M2.6×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
MLH030050P	M3×0.5	RH7	4P	1	50	16	—	4	3.2	6	—	●
MLH030050B	M3×0.5	RH7	2P	2	48	16	—	4	3.2	6	—	●
MLH035060P	M3.5×0.6	RH7	4P	1	50	16	—	4	3.2	6	—	●
MLH035060B	M3.5×0.6	RH7	2P	2	48	16	—	4	3.2	6	—	●
MLH040070P	M4×0.7	RH7	4P	1	57	18	—	5	4	7	—	●
MLH040070B	M4×0.7	RH7	2P	2	55	18	—	5	4	7	—	●
MLH050080P	M5×0.8	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
MLH050080B	M5×0.8	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
MLH060100P	M6×1	RH7	4P	1	69	27	—	6	4.5	7	2	●
MLH060100B	M6×1	RH7	2P	2	66.5	27	—	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ Thread left - handed, suitable for left - thread machining.
- ◎ suitable for difficult to machine stainless steel,excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

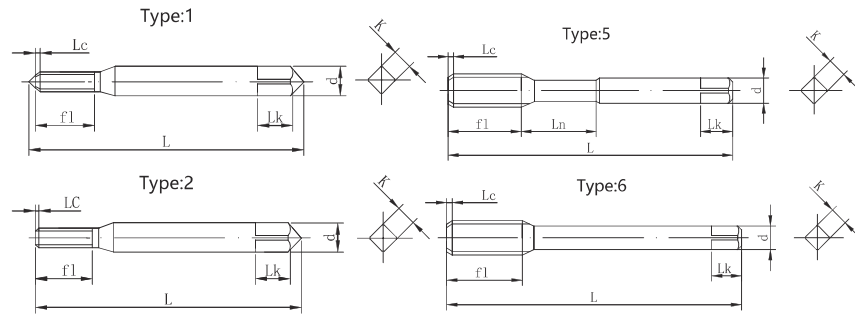
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MLH07100P	M7×1	RH7	4P	5	70	13	10	6.2	5	8	2	●
MLH07100B	M7×1	RH7	2P	5	70	13	10	6.2	5	8	2	●
MLH08125P	M8×1.25	RH7	4P	5	70	13	23	6.2	5	8	3	●
MLH08125B	M8×1.25	RH7	2P	5	70	13	23	6.2	5	8	3	●
MLH10150P	M10×1.5	RH8	4P	5	75	15	28	7	5.5	8	6	●
MLH10150B	M10×1.5	RH8	2P	5	75	15	28	7	5.5	8	6	●
MLH12175P	M12×1.75	RH9	4P	5	82	17	25	8.5	6.5	9	6	●
MLH12175B	M12×1.75	RH9	2P	5	82	17	25	8.5	6.5	9	6	●
MLH14200P	M14×2	RH10	4P	5	88	20	31	10.5	8	11	6	●
MLH14200B	M14×2	RH10	2P	5	88	20	31	10.5	8	11	6	●
MLH16200P	M16×2	RH10	4P	5	95	20	32	12.5	10	13	6	●
MLH16200B	M16×2	RH10	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard.Other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	scm	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ Thread left - handed, suitable for left - thread machining.
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

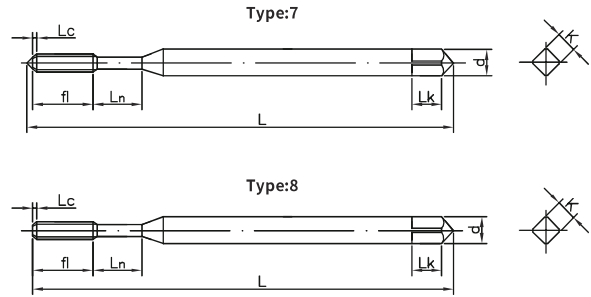
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	f1	Ln	d	k	Lk		
MULH164P	NO.1-64UNC	RH4	4P	1	37	9	—	3	2.5	3	—	●
MULH164B	NO.1-64UNC	RH4	2P	2	35.5	9	—	3	2.5	3	—	●
MULH256P	NO.2-56UNC	RH4	4P	1	45	12	—	3	2.5	3	—	●
MULH256B	NO.2-56UNC	RH4	2P	2	43.5	12	—	3	2.5	3	—	●
MULH348P	NO.3-48UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
MULH348B	NO.3-48UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
MULH440P	NO.4-40UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
MULH440B	NO.4-40UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
MULH540P	NO.5-40UNC	RH4	4P	1	50	15	—	4	3.2	6	—	●
MULH540B	NO.5-40UNC	RH4	2P	2	48	15	—	4	3.2	6	—	●
MULH632P	NO.6-32UNC	RH7	4P	1	50	16	—	4	3.2	6	—	●
MULH632B	NO.6-32UNC	RH7	2P	2	48	16	—	4	3.2	6	—	●
MULH832P	NO.8-32UNC	RH7	4P	1	57	18	—	5	4	7	—	●
MULH832B	NO.8-32UNC	RH7	2P	2	54.5	18	—	5	4	7	—	●
MULH1024P	NO.10-24UNC	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
MULH1024B	NO.10-24UNC	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
MULH1224P	NO.12-24UNC	RH7	4P	1	66	23	—	5.5	4.5	7	—	●
MULH1224B	NO.12-24UNC	RH7	2P	2	63.5	23	—	5.5	4.5	7	—	●
MULH1420P	1/4-20UNC	RH7	4P	6	62	27	—	6	4.5	7	2	●
MULH1420B	1/4-20UNC	RH7	2P	6	62	27	—	6	4.5	7	2	●
MULH51618P	5/16-18UNC	RH8	4P	5	70	15	15	6.1	5	8	3	●
MULH51618B	5/16-18UNC	RH8	2P	5	70	15	15	6.1	5	8	3	●
MULH3816P	3/8-16UNC	RH8	4P	5	75	16	27	7	5.5	8	6	●
MULH3816B	3/8-16UNC	RH8	2P	5	75	16	27	7	5.5	8	6	●
MULH71614P	7/16-14UNC	RH8	4P	5	80	20	20	8	6	9	6	●
MULH71614B	7/16-14UNC	RH8	2P	5	80	20	20	8	6	9	6	●
MULH1213P	1/2-13UNC	RH8	4P	5	85	21	27	9	7	10	6	●
MULH1213B	1/2-13UNC	RH8	2P	5	85	21	27	9	7	10	6	●
MULH91612P	9/16-12UNC	RH9	4P	5	90	21	29	10.5	8	11	6	●
MULH91612B	9/16-12UNC	RH9	2P	5	90	21	29	10.5	8	11	6	●
MULH5811P	5/8-11UNC	RH10	4P	5	95	23	25	12	9	12	6	●
MULH5811B	5/8-11UNC	RH10	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ Suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



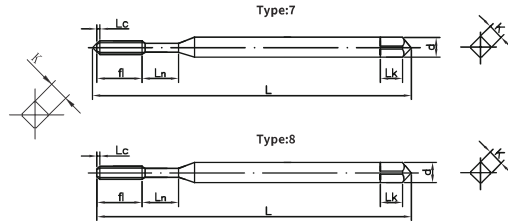
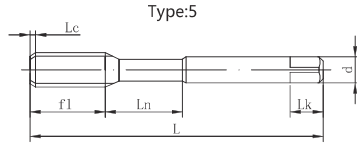
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MIL020480P	M2×0.4	RH5	4P	7	80	7	6	3	2.5	5	—	○
MIL020480B	M2×0.4	RH5	2P	8	78	7	6	3	2.5	5	—	●
MIL0204100P	M2×0.4	RH5	4P	7	100	7	6	3	2.5	5	—	○
MIL0204100B	M2×0.4	RH5	2P	8	98	7	6	3	2.5	5	—	●
MIL0204120P	M2×0.4	RH5	4P	7	120	7	6	3	2.5	5	—	○
MIL0204120B	M2×0.4	RH5	2P	8	118	7	6	3	2.5	5	—	●
MIL02504580P	M2.5×0.45	RH5	4P	7	80	8	7	3	2.5	5	—	○
MIL02504580B	M2.5×0.45	RH5	2P	8	78	8	7	3	2.5	5	—	●
MIL025045100P	M2.5×0.45	RH5	4P	7	100	8	7	3	2.5	5	—	○
MIL025045100B	M2.5×0.45	RH5	2P	8	98	8	7	3	2.5	5	—	●
MIL025045120P	M2.5×0.45	RH5	4P	7	120	8	7	3	2.5	5	—	○
MIL025045120B	M2.5×0.45	RH5	2P	8	118	8	7	3	2.5	5	—	●
MIL030580P	M3×0.5	RH7	4P	7	80	10	8	4	3.2	6	—	○
MIL030580B	M3×0.5	RH7	2P	8	78	10	8	4	3.2	6	—	●
MIL0305100P	M3×0.5	RH7	4P	7	100	10	8	4	3.2	6	—	○
MIL0305100B	M3×0.5	RH7	2P	8	98	10	8	4	3.2	6	—	●
MIL0305120P	M3×0.5	RH7	4P	7	120	10	8	4	3.2	6	—	○
MIL0305120B	M3×0.5	RH7	2P	8	118	10	8	4	3.2	6	—	●
MIL0305150P	M3×0.5	RH7	4P	7	150	10	8	4	3.2	6	—	○
MIL0305150B	M3×0.5	RH7	2P	8	148	10	8	4	3.2	6	—	●
MIL0350680P	M3.5×0.6	RH7	4P	7	80	10	8	4	3.2	6	—	○
MIL0350680B	M3.5×0.6	RH7	2P	8	78	10	8	4	3.2	6	—	●
MIL03506100P	M3.5×0.6	RH7	4P	7	100	10	8	4	3.2	6	—	○
MIL03506100B	M3.5×0.6	RH7	2P	8	98	10	8	4	3.2	6	—	●
MIL03506120P	M3.5×0.6	RH7	4P	7	120	10	8	4	3.2	6	—	○
MIL03506120B	M3.5×0.6	RH7	2P	8	118	10	8	4	3.2	6	—	●
MIL03506150P	M3.5×0.6	RH7	4P	7	150	10	8	4	3.2	6	—	○
MIL03506150B	M3.5×0.6	RH7	2P	8	148	10	8	4	3.2	6	—	●
MIL040780P	M4×0.7	RH7	4P	7	80	11	9	5	4	7	—	○
MIL040780B	M4×0.7	RH7	2P	8	78	11	9	5	4	7	—	●
MIL0407100P	M4×0.7	RH7	4P	7	100	11	9	5	4	7	—	○
MIL0407100B	M4×0.7	RH7	2P	8	98	11	9	5	4	7	—	●
MIL0407120P	M4×0.7	RH7	4P	7	120	11	9	5	4	7	—	○
MIL0407120B	M4×0.7	RH7	2P	8	118	11	9	5	4	7	—	●
MIL0407150P	M4×0.7	RH7	4P	7	150	11	9	5	4	7	—	○
MIL0407150B	M4×0.7	RH7	2P	7	148	11	9	5	4	7	—	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



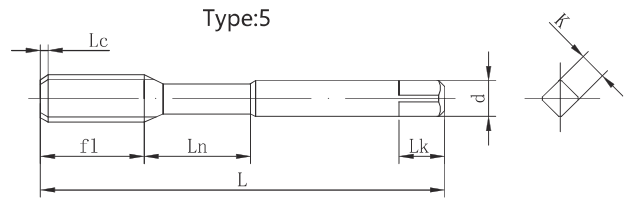
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
MIL04507580P	M4.5×0.75	RH7	4P	7	80	11	9	5	4	7	—	○
MIL04507580B	M4.5×0.75	RH7	2P	8	78	11	9	5	4	7	—	●
MIL045075100P	M4.5×0.75	RH7	4P	7	100	11	9	5	4	7	—	○
MIL045075100B	M4.5×0.75	RH7	2P	8	98	11	9	5	4	7	—	●
MIL045075120P	M4.5×0.75	RH7	4P	7	120	11	9	5	4	7	—	○
MIL045075120B	M4.5×0.75	RH7	2P	8	118	11	9	5	4	7	—	●
MIL045075150P	M4.5×0.75	RH7	4P	7	150	11	9	5	4	7	—	○
MIL045075150B	M4.5×0.75	RH7	2P	8	148	11	9	5	4	7	—	●
MIL050880P	M5×0.8	RH7	4P	7	80	12	10	5.5	4.5	7	—	○
MIL050880B	M5×0.8	RH7	2P	8	78	12	10	5.5	4.5	7	—	●
MIL0508100P	M5×0.8	RH7	4P	7	100	12	10	5.5	4.5	7	—	○
MIL0508100B	M5×0.8	RH7	2P	8	98	12	10	5.5	4.5	7	—	●
MIL0508120P	M5×0.8	RH7	4P	7	120	12	10	5.5	4.5	7	—	○
MIL0508120B	M5×0.8	RH7	2P	8	118	12	10	5.5	4.5	7	—	●
MIL0508150P	M5×0.8	RH7	4P	7	150	12	10	5.5	4.5	7	—	○
MIL0508150B	M5×0.8	RH7	2P	8	148	12	10	5.5	4.5	7	—	●
MIL061080P	M6×1	RH7	4P	7	80	12	12	6	4.5	7	2	○
MIL061080B	M6×1	RH7	2P	8	78	12	12	6	4.5	7	2	●
MIL0610100P	M6×1	RH7	4P	7	100	12	12	6	4.5	7	2	○
MIL0610100B	M6×1	RH7	2P	8	98	12	12	6	4.5	7	2	●
MIL0610120P	M6×1	RH7	4P	7	120	12	12	6	4.5	7	2	○
MIL0610120B	M6×1	RH7	2P	8	118	12	12	6	4.5	7	2	●
MIL0610150P	M6×1	RH7	4P	7	150	12	12	6	4.5	7	2	○
MIL0610150B	M6×1	RH7	2P	8	148	12	12	6	4.5	7	2	●
MIL0710100B	M7×1	RH7	2P	5	100	13	10	6.2	5	8	2	○
MIL0710120B	M7×1	RH7	2P	5	120	13	10	6.2	5	8	2	●
MIL0710150B	M7×1	RH7	2P	5	150	13	10	6.2	5	8	2	○
MIL08125100B	M8×1.25	RH7	2P	5	100	13	23	6.2	5	8	3	●
MIL08125120B	M8×1.25	RH7	2P	5	120	13	23	6.2	5	8	3	●
MIL08125150B	M8×1.25	RH7	2P	5	150	13	23	6.2	5	8	3	○
MIL0810100B	M8×1	RH7	2P	5	100	13	23	6.2	5	8	3	●
MIL0810120B	M8×1	RH7	2P	5	120	13	23	6.2	5	8	3	●
MIL0810150B	M8×1	RH7	2P	5	150	13	23	6.2	5	8	3	○
MIL1015100B	M10×1.5	RH8	2P	5	100	15	28	7	5.5	8	6	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-L-CPS FORMING TAPS WITH LONG SHANK



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Unit:mm

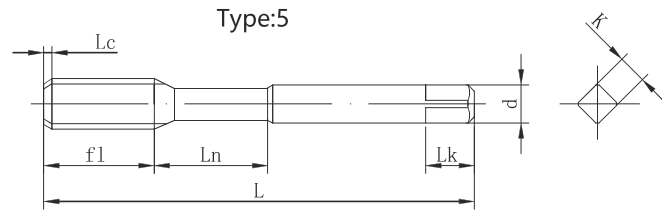
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MX10150120B	M10×1.5	RH8	2P	5	120	15	28	7	5.5	8	6	●
MX10150150B	M10×1.5	RH8	2P	5	150	15	28	7	5.5	8	6	○
MX10125100B	M10×1.25	RH7	2P	5	100	13	30	7	5.5	8	6	●
MX10125120B	M10×1.25	RH7	2P	5	120	13	30	7	5.5	8	6	●
MX10125150B	M10×1.25	RH7	2P	5	150	13	30	7	5.5	8	6	○
MX10100100B	M10×1	RH7	2P	5	100	13	30	7	5.5	8	6	●
MX10100120B	M10×1	RH7	2P	5	120	13	30	7	5.5	8	6	●
MX10100150B	M10×1	RH7	2P	5	150	13	30	7	5.5	8	6	○
MX12175100B	M12×1.75	RH9	2P	5	100	17	25	8.5	6.5	9	6	●
MX12175120B	M12×1.75	RH9	2P	5	120	17	25	8.5	6.5	9	6	●
MX12175150B	M12×1.75	RH9	2P	5	150	17	25	8.5	6.5	9	6	○
MX12150100B	M12×1.5	RH8	2P	5	100	17	25	8.5	6.5	9	6	●
MX12150120B	M12×1.5	RH8	2P	5	120	17	25	8.5	6.5	9	6	●
MX12150150B	M12×1.5	RH8	2P	5	150	17	25	8.5	6.5	9	6	○
MX12125100B	M12×1.25	RH7	2P	5	100	13	29	8.5	6.5	9	6	●
MX12125120B	M12×1.25	RH7	2P	5	120	13	29	8.5	6.5	9	6	●
MX12125150B	M12×1.25	RH7	2P	5	150	13	29	8.5	6.5	9	6	○
MX12100100B	M12×1	RH7	2P	5	100	13	29	8.5	6.5	9	6	●
MX12100120B	M12×1	RH7	2P	5	120	13	29	8.5	6.5	9	6	●
MX12100150B	M12×1	RH7	2P	5	150	13	29	8.5	6.5	9	6	○
MX14200120B	M14×2	RH10	2P	5	120	20	31	10.5	8	11	6	●
MX14200150B	M14×2	RH10	2P	5	150	20	31	10.5	8	11	6	○
MX14150120B	M14×1.5	RH8	2P	5	120	20	31	10.5	8	11	6	●
MX14150150B	M14×1.5	RH8	2P	5	150	20	31	10.5	8	11	6	○
MX14125120B	M14×1.25	RH7	2P	5	120	20	31	10.5	8	11	6	●
MX14125150B	M14×1.25	RH7	2P	5	150	20	31	10.5	8	11	6	○
MX14100120B	M14×1	RH7	2P	5	120	20	31	10.5	8	11	6	●
MX14100150B	M14×1	RH7	2P	5	150	20	31	10.5	8	11	6	○
MX16200120B	M16×2	RH10	2P	5	120	20	32	12.5	10	13	6	●
MX16200150B	M16×2	RH10	2P	5	150	20	32	12.5	10	13	6	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-L-CPS FORMING TAPS WITH LONG SHANK



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Unit:mm

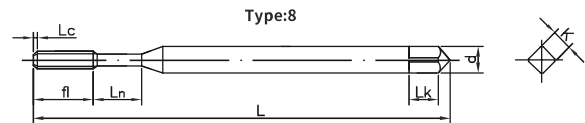
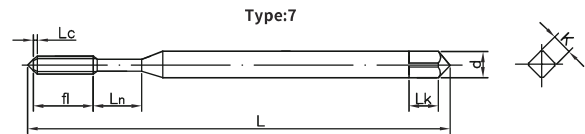
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MX16150120B	M16×1.5	RH8	2P	5	120	20	32	12.5	10	13	6	○
MX16150150B	M16×1.5	RH8	2P	5	150	20	32	12.5	10	13	6	●
MX16125120B	M16×1.25	RH7	2P	5	120	20	32	12.5	10	13	6	○
MX16125150B	M16×1.25	RH7	2P	5	150	20	32	12.5	10	13	6	●
MX16100120B	M16×1	RH7	2P	5	120	20	32	12.5	10	13	6	○
MX16100150B	M16×1	RH7	2P	5	150	20	32	12.5	10	13	6	●

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P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

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Unit:mm

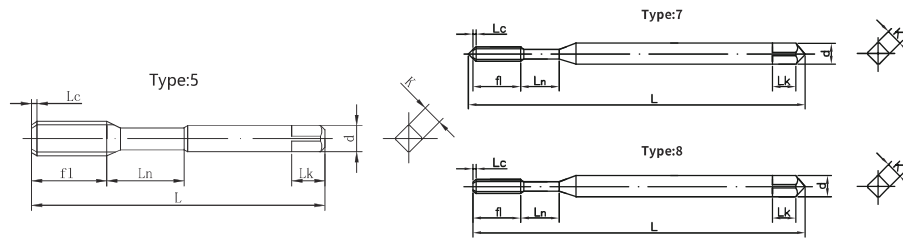


Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
MLU44080P	NO.4-40UNC	RH4	4P	7	80	9	7	3	2.5	5	—	○
MLU44080B	NO.4-40UNC	RH4	2P	8	78	9	7	3	2.5	5	—	●
MLU440100P	NO.4-40UNC	RH4	4P	7	100	9	7	3	2.5	5	—	○
MLU440100B	NO.4-40UNC	RH4	2P	8	98	9	7	3	2.5	5	—	●
MLU440120P	NO.4-40UNC	RH4	4P	7	120	9	7	3	2.5	5	—	○
MLU440120B	NO.4-40UNC	RH4	2P	8	118	9	7	3	2.5	5	—	●
MLU54080P	NO.5-40UNC	RH4	4P	7	80	10	8	4	3.2	6	—	○
MLU54080B	NO.5-40UNC	RH4	2P	8	78	10	8	4	3.2	6	—	●
MLU540100P	NO.5-40UNC	RH4	4P	7	100	10	8	4	3.2	6	—	○
MLU540100B	NO.5-40UNC	RH4	2P	8	98	10	8	4	3.2	6	—	●
MLU540120P	NO.5-40UNC	RH4	4P	7	120	10	8	4	3.2	6	—	○
MLU540120B	NO.5-40UNC	RH4	2P	8	118	10	8	4	3.2	6	—	●
MLU63280P	NO.6-32UNC	RH7	4P	7	80	10	8	4	3.2	6	—	○
MLU63280B	NO.6-32UNC	RH7	2P	8	78	10	8	4	3.2	6	—	●
MLU632100P	NO.6-32UNC	RH7	4P	7	100	10	8	4	3.2	6	—	○
MLU632100B	NO.6-32UNC	RH7	2P	8	98	10	8	4	3.2	6	—	●
MLU632120P	NO.6-32UNC	RH7	4P	7	120	10	8	4	3.2	6	—	○
MLU632120B	NO.6-32UNC	RH7	2P	8	118	10	8	4	3.2	6	—	●
MLU632150P	NO.6-32UNC	RH7	4P	7	150	10	8	4	3.2	6	—	○
MLU632150B	NO.6-32UNC	RH7	2P	8	148	10	8	4	3.2	6	—	●
MLU83280P	NO.8-32UNC	RH7	4P	7	80	11	9	5	4	7	—	○
MLU83280B	NO.8-32UNC	RH7	2P	8	78	11	9	5	4	7	—	●
MLU832100P	NO.8-32UNC	RH7	4P	7	100	11	9	5	4	7	—	○
MLU832100B	NO.8-32UNC	RH7	2P	8	98	11	9	5	4	7	—	●
MLU832120P	NO.8-32UNC	RH7	4P	7	120	11	9	5	4	7	—	○
MLU832120B	NO.8-32UNC	RH7	2P	8	118	11	9	5	4	7	—	●
MLU832150P	NO.8-32UNC	RH7	4P	7	150	11	9	5	4	7	—	○
MLU832150B	NO.8-32UNC	RH7	2P	8	148	11	9	5	4	7	—	●
MLU102480P	NO.10-24UNC	RH7	4P	7	80	12	10	5.5	4.5	7	—	○
MLU102480B	NO.10-24UNC	RH7	2P	8	78	12	10	5.5	4.5	7	—	●
MLU1024100P	NO.10-24UNC	RH7	4P	7	100	12	10	5.5	4.5	7	—	○
MLU1024100B	NO.10-24UNC	RH7	2P	8	98	12	10	5.5	4.5	7	—	●
MLU1024120P	NO.10-24UNC	RH7	4P	7	120	12	10	5.5	4.5	7	—	○
MLU1024120B	NO.10-24UNC	RH7	2P	8	118	12	10	5.5	4.5	7	—	●
MLU1024150P	NO.10-24UNC	RH7	4P	7	150	12	10	5.5	4.5	7	—	○
MLU1024150B	NO.10-24UNC	RH7	2P	8	148	12	10	5.5	4.5	7	—	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-L-CPS FORMING TAPS WITH LONG SHANK



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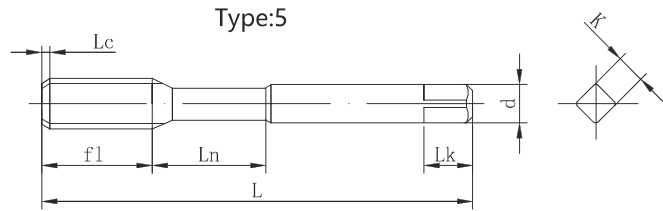
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
MLU122480P	NO.12-24UNC	RH7	4P	7	80	12	12	5.5	4.5	7	—	○
MLU122480B	NO.12-24UNC	RH7	2P	8	78	12	12	5.5	4.5	7	—	●
MLU1224100P	NO.12-24UNC	RH7	4P	7	100	12	12	5.5	4.5	7	—	○
MLU1224100B	NO.12-24UNC	RH7	2P	8	98	12	12	5.5	4.5	7	—	●
MLU1224120P	NO.12-24UNC	RH7	4P	7	120	12	12	5.5	4.5	7	—	○
MLU1224120B	NO.12-24UNC	RH7	2P	8	118	12	12	5.5	4.5	7	—	●
MLU1224150P	NO.12-24UNC	RH7	4P	7	150	12	12	5.5	4.5	7	—	○
MLU1224150B	NO.12-24UNC	RH7	2P	8	148	12	12	5.5	4.5	7	—	●
MLU1420100B	1/4-20UNC	RH7	2P	5	100	12	12	6	4.5	7	2	●
MLU1420120B	1/4-20UNC	RH7	2P	5	120	12	12	6	4.5	7	2	●
MLU1420150B	1/4-20UNC	RH7	2P	5	150	12	12	6	4.5	7	2	○
MLU1428100B	1/4-28UNF	RH7	2P	5	100	12	12	6	4.5	7	2	●
MLU1428120B	1/4-28UNF	RH7	2P	5	120	12	12	6	4.5	7	2	●
MLU1428150B	1/4-28UNF	RH7	2P	5	150	12	12	6	4.5	7	2	○
MLU51618100B	5/16-18UNC	RH8	2P	5	100	15	15	6.1	5	8	3	●
MLU51618120B	5/16-18UNC	RH8	2P	5	120	15	15	6.1	5	8	3	●
MLU51618150B	5/16-18UNC	RH8	2P	5	150	15	15	6.1	5	8	3	○
MLU51624100B	5/16-24UNF	RH7	2P	5	100	11	19	6.1	5	8	3	●
MLU51624120B	5/16-24UNF	RH7	2P	5	120	11	19	6.1	5	8	3	●
MLU51624150B	5/16-24UNF	RH7	2P	5	150	11	19	6.1	5	8	3	○
MLU3816100B	3/8-16UNC	RH7	2P	5	100	16	27	7	5.5	8	6	●
MLU3816120B	3/8-16UNC	RH7	2P	5	120	16	27	7	5.5	8	6	●
MLU3816150B	3/8-16UNC	RH7	2P	5	150	16	27	7	5.5	8	6	○
MLU3824100B	3/8-24UNF	RH7	2P	5	100	11	32	7	5.5	8	6	●
MLU3824120B	3/8-24UNF	RH7	2P	5	120	11	32	7	5.5	8	6	●
MLU3824150B	3/8-24UNF	RH7	2P	5	150	11	32	7	5.5	8	6	○
MLU71614100B	7/16-14UNC	RH8	2P	5	100	20	20	8	6	9	6	●
MLU71614120B	7/16-14UNC	RH8	2P	5	120	20	20	8	6	9	6	●
MLU71614150B	7/16-14UNC	RH8	2P	5	150	20	20	8	6	9	6	○
MLU71620100B	7/16-20UNF	RH7	2P	5	100	13	27	8	6	9	6	●
MLU71620120B	7/16-20UNF	RH7	2P	5	120	13	27	8	6	9	6	●
MLU71620150B	7/16-20UNF	RH7	2P	5	150	13	27	8	6	9	6	○
MLU1213100B	1/2-13UNC	RH8	2P	5	100	21	27	9	7	10	6	●
MLU1213120B	1/2-13UNC	RH8	2P	5	120	21	27	9	7	10	6	●
MLU1213150B	1/2-13UNC	RH8	2P	5	150	21	27	9	7	10	6	○

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

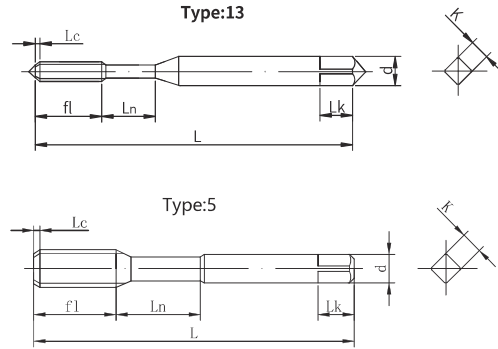
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
MLU1220100B	1/2-20UNF	RH7	2P	5	100	13	35	9	7	10	6	●
MLU1220120B	1/2-20UNF	RH7	2P	5	120	13	35	9	7	10	6	●
MLU1220150B	1/2-20UNF	RH7	2P	5	150	13	35	9	7	10	6	○
MLU91612120B	9/16-12UNC	RH9	2P	5	120	21	29	10.5	8	11	6	●
MLU91612150B	9/16-12UNC	RH9	2P	5	150	21	29	10.5	8	11	6	○
MLU91618120B	9/16-18UNF	RH8	2P	5	120	15	35	10.5	8	11	6	●
MLU91618150B	9/16-18UNF	RH8	2P	5	150	15	35	10.5	8	11	6	○
MLU5811120B	5/8-11UNC	RH10	2P	5	120	23	25	12	9	12	6	●
MLU5811150B	5/8-11UNC	RH10	2P	5	150	23	25	12	9	12	6	○
MLU5818120B	5/8-18UNF	RH8	2P	5	120	23	25	12	9	12	6	●
MLU5818150B	5/8-18UNF	RH8	2P	5	150	23	25	12	9	12	6	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### G3IS SPIRAL FLUTED TAPS



- ◎ High-speed steel material;
- ◎ Coating, suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

Unit:mm

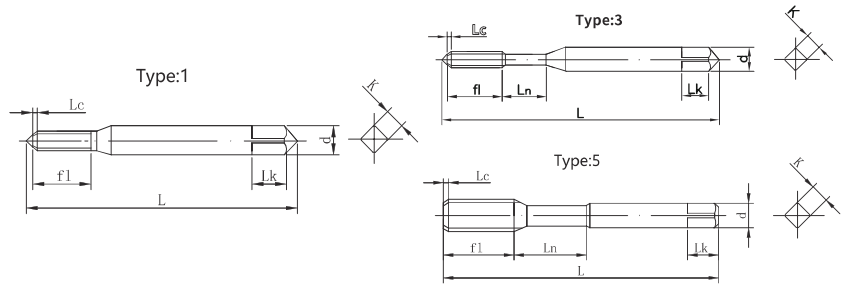
Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	ln	d	k	Lk	
G3ISS04070	M4×0.7	6HX	2.5P	13	63	9	12	4.5	3.4	6	●
G3ISS05080	M5×0.8	6HX	2.5P	13	70	10	15	6	4.9	8	●
G3ISS06100	M6×1	6HX	2.5P	13	80	10	20	6	4.9	8	●
G3ISS07100	M7×1	6HX	2.5P	13	80	10	20	7	5.5	8	●
G3ISS08125	M8×1.25	6HX	2.5P	5	90	13	22	8	6.2	9	●
G3ISS08100	M8×1	6HX	2.5P	5	90	13	22	8	6.2	9	●
G3ISS10150	M10×1.5	6HX	2.5P	5	100	15	24	10	8	11	●
G3ISS10125	M10×1.25	6HX	2.5P	5	100	15	24	10	8	11	●
G3ISS10100	M10×1	6HX	2.5P	5	100	15	24	10	8	11	●
G3ISS12175	M12×1.75	6HX	2.5P	5	110	17	32	9	7	10	●
G3ISS12150	M12×1.5	6HX	2.5P	5	110	17	32	9	7	10	●
G3ISS12125	M12×1.25	6HX	2.5P	5	110	17	32	9	7	10	●
G3ISS12100	M12×1	6HX	2.5P	5	110	17	32	9	7	10	●
G3ISS14200	M14×2	6HX	2.5P	5	110	20	33	11	9	12	●
G3ISS14150	M14×1.5	6HX	2.5P	5	110	20	33	11	9	12	●
G3ISS14125	M14×1.25	6HX	2.5P	5	110	20	33	11	9	12	●
G3ISS14100	M14×1	6HX	2.5P	5	110	20	33	11	9	12	●
G3ISS16200	M16×2	6HX	2.5P	5	110	20	34	12	9	12	●
G3ISS16150	M16×1.5	6HX	2.5P	5	110	20	34	12	9	12	●
G3ISS16125	M16×1.25	6HX	2.5P	5	110	20	34	12	9	12	●
G3ISS16100	M16×1	6HX	2.5P	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

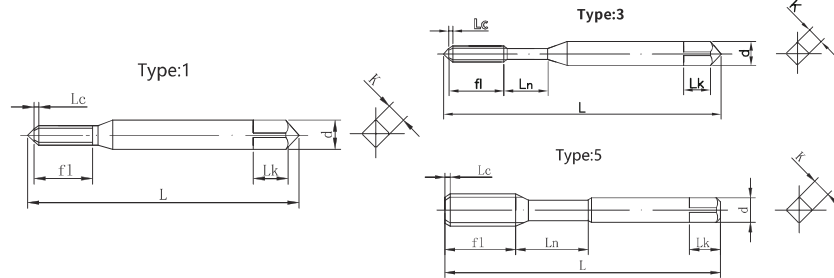
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SIS010025	M1×0.25	P1	1.5P	1	37	4.5	—	3	2.5	3	2	●
SIS012025	M1.2×0.25	P1	1.5P	1	37	5.5	—	3	2.5	3	2	●
SIS014030	M1.4×0.3	P1	1.5P	1	37	6.5	—	3	2.5	3	2	●
SIS016035	M1.6×0.35	P1	1.5P	1	37	8	—	3	2.5	3	2	●
SIS020040	M2×0.4	P2	2.5P	1	45	11	—	3	2.5	3	2	●
SIS030050	M2.5×0.45	P2	2.5P	1	45	12	—	3	2.5	3	2	●
SIS030050	M3×0.5	P2	2.5P	3	50	5	13	4	3.2	6	3	●
SIS035060	M3.5×0.6	P2	2.5P	3	50	6	13	4	3.2	6	3	●
SIS040070	M4×0.7	P2	2.5P	3	57	9	11	5	4	7	3	●
SIS050080	M5×0.8	P2	2.5P	3	66	8	17	5.5	4.5	7	3	●
SIS060100	M6×1	P2	2.5P	3	69	12	12	6	4.5	7	3	●
SIS070100	M7×1	P3	2.5P	3	78	13	10	6.2	5	8	3	●
SIS080125	M8×1.25	P3	2.5P	5	70	13	23	6.2	5	8	3	●
SIS080100	M8×1	P3	2.5P	5	70	13	23	6.2	5	8	3	●
SIS100150	M10×1.5	P4	2.5P	5	75	15	28	7	5.5	8	3	●
SIS100125	M10×1.25	P3	2.5P	5	75	13	30	7	5.5	8	3	●
SIS100100	M10×1	P3	2.5P	5	75	13	30	7	5.5	8	3	●
SIS120175	M12×1.75	P4	2.5P	5	82	17	25	8.5	6.5	9	3	●
SIS120150	M12×1.5	P4	2.5P	5	82	17	25	8.5	6.5	9	3	●
SIS120125	M12×1.25	P4	2.5P	5	82	13	29	8.5	6.5	9	3	●
SIS120100	M12×1	P3	2.5P	5	82	13	29	8.5	6.5	9	3	●
SIS140200	M14×2	P5	2.5P	5	88	20	31	10.5	8	11	3	●
SIS140150	M14×1.5	P4	2.5P	5	88	20	31	10.5	8	11	3	●
SIS140125	M14×1.25	P4	2.5P	5	88	20	31	10.5	8	11	3	●
SIS140100	M14×1	P3	2.5P	5	88	20	31	10.5	8	11	3	●
SIS160200	M16×2	P5	2.5P	5	95	20	32	12.5	10	13	3	●
SIS160150	M16×1.5	P4	2.5P	5	95	20	32	12.5	10	13	3	●
SIS160125	M16×1.25	P4	2.5P	5	95	20	32	12.5	10	13	3	●
SIS160100	M16×1	P3	2.5P	5	95	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

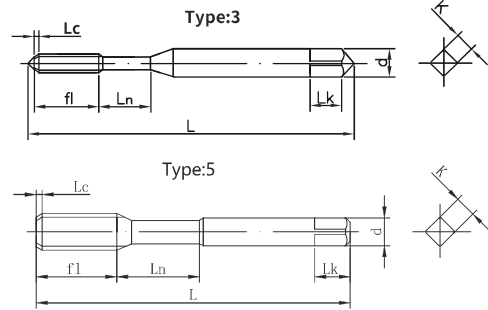
Item No.	Thread Size	Limit	LC	Type	(mm) Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SISU080	NO.0-80UNF	P1	1.5P	1	37	10	-	3	2.5	3	2	●
SISU164	NO.1-64UNC	P1	1.5P	1	37	11	-	3	2.5	3	2	●
SISU256	NO.2-56UNC	P1	2.5P	1	45	12	-	3	2.5	3	2	●
SISU348	NO.3-48UNC	P1	2.5P	1	45	14	-	3	2.5	3	2	●
SISU440	NO.4-40UNC	P2	2.5P	3	45	6	10	3	2.5	3	3	●
SISU540	NO.5-40UNC	P2	2.5P	3	50	7	12	4	3.2	6	3	●
SISU632	NO.6-32UNC	P2	2.5P	3	50	8	12	4	3.2	6	3	●
SISU640	NO.8-32UNC	P2	2.5P	3	57	8	13.5	5	4	7	3	●
SISU832	NO.10-24UNC	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
SISU836	NO.10-32UNF	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
SISU1024	NO.12-24UNC	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
SISU1224	NO.12-28UNF	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
SISU1420	1/4-20UNC	P2	2.5P	3	69	12	17	6	4.5	7	3	●
SISU1228	1/4-28UNF	P2	2.5P	3	69	12	17	6	4.5	7	3	●
SISU51618	5/16-18UNC	P3	2.5P	5	70	15	15	6.1	5	8	3	●
SISU51624	5/16-24UNF	P3	2.5P	5	70	11	19	6.1	5	8	3	●
SISU3816	3/8-16UNC	P3	2.5P	5	75	16	27	7	5.5	8	3	●
SISU3824	3/8-24UNF	P3	2.5P	5	75	11	32	7	5.5	8	3	●
SISU71614	7/16-14UNC	P4	2.5P	5	80	20	20	8	6	9	3	●
SISU71620	7/16-20UNF	P3	2.5P	5	80	13	27	8	6	9	3	●
SISU1213	1/2-13UNC	P4	2.5P	5	85	21	27	9	7	10	3	●
SISU1220	1/2-20UNF	P3	2.5P	5	85	13	35	9	7	10	3	●
SISU91612	9/16-12UNC	P4	2.5P	5	90	21	29	10.5	8	11	3	●
SISU91618	9/16-18UNF	P3	2.5P	5	90	15	35	10.5	8	11	3	●
SISU5811	5/8-11UNC	P4	2.5P	5	95	23	25	12	9	12	3	●
SISU5818	5/8-18UNF	P3	2.5P	5	95	23	25	12	9	12	3	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### S-STM SPIRAL FLUTED TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

Unit:mm

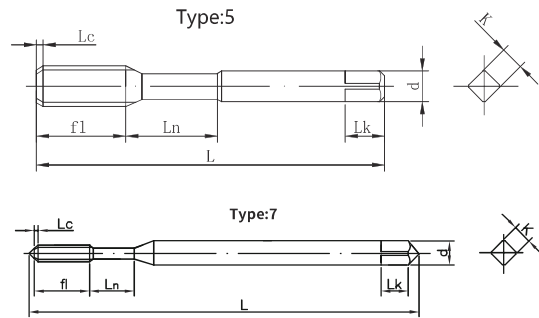
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SISM030035	M3×0.35	P2	2.5P	3	50	5	13	4	3.2	6	3	○
SISM035035	M3.5×0.35	P2	2.5P	3	50	6	13	4	3.2	6	3	○
SISM040050	M4×0.5	P2	2.5P	3	57	9	11	5	4	7	3	○
SISM050050	M5×0.5	P2	2.5P	3	66	8	17	5.5	4.5	7	3	○
SISM060050	M6×0.5	P2	2.5P	3	69	12	12	6	4.5	7	3	○
SISM060075	M6×0.75	P2	2.5P	3	69	12	12	6	4.5	7	3	○
SISM070075	M7×0.75	P3	2.5P	3	78	13	10	6.2	5	8	3	○
SISM080075	M8×0.75	P3	2.5P	5	70	13	23	6.2	5	8	3	○
SISM100075	M10×0.75	P3	2.5P	5	75	13	30	7	5.5	8	3	○
SISMU640	NO.6-40UNF	P2	2.5P	3	50	8	12	4	3.2	6	3	○
SISMU836	NO.8-36UNF	P2	2.5P	3	57	8	13.5	5	4	7	3	○

Tolerances under 6H/2B standard. Other tolerances and Special tap chamfer custom are available. More details, please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



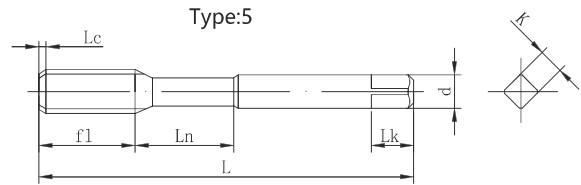
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SIM020480	M2×0.4	P2	2.5P	7	80	9	6	3	2.5	5	2	●
SIM0204100	M2×0.4	P2	2.5P	7	100	9	6	3	2.5	5	2	●
SIM02504580	M2.5×0.45	P2	2.5P	7	80	9	6	3	2.5	5	2	●
SIM025045100	M2.5×0.45	P2	2.5P	7	100	9	6	3	2.5	5	2	●
SIM030580	M3×0.5	P2	2.5P	7	80	12	7	4	3.2	6	3	●
SIM0305100	M3×0.5	P2	2.5P	7	100	12	7	4	3.2	6	3	●
SIM0305120	M3×0.5	P2	2.5P	7	120	12	7	4	3.2	6	3	●
SIM0305150	M3×0.5	P2	2.5P	7	150	12	7	4	3.2	6	3	○
SIM0350680	M3.5×0.6	P2	2.5P	7	80	13	7	4	3.2	6	3	●
SIM03506100	M3.5×0.6	P2	2.5P	7	100	13	7	4	3.2	6	3	●
SIM03506120	M3.5×0.6	P2	2.5P	7	120	13	7	4	3.2	6	3	●
SIM03506150	M3.5×0.6	P2	2.5P	7	150	13	7	4	3.2	6	3	○
SIM040780	M4×0.7	P2	2.5P	7	80	14	7	5	4	7	3	●
SIM0407100	M4×0.7	P2	2.5P	7	100	14	7	5	4	7	3	●
SIM0407120	M4×0.7	P2	2.5P	7	120	14	7	5	4	7	3	●
SIM0407150	M4×0.7	P2	2.5P	7	150	14	7	5	4	7	3	○
SIM050880	M5×0.8	P2	2.5P	7	80	16	9	5.5	4.5	7	3	●
SIM0508100	M5×0.8	P2	2.5P	7	100	16	9	5.5	4.5	7	3	●
SIM0508120	M5×0.8	P2	2.5P	7	120	16	9	5.5	4.5	7	3	●
SIM0508150	M5×0.8	P2	2.5P	7	150	16	9	5.5	4.5	7	3	○
SIM061080	M6×1	P2	2.5P	7	80	19.5	9.5	6	4.5	7	3	●
SIM0610100	M6×1	P2	2.5P	7	100	19.5	9.5	6	4.5	7	3	●
SIM0610120	M6×1	P2	2.5P	7	120	19.5	9.5	6	4.5	7	3	●
SIM0610150	M6×1	P2	2.5P	7	150	19.5	9.5	6	4.5	7	3	●
SIM0710100	M7×1	P3	2.5P	7	100	13	10	6.2	5	8	3	●
SIM0710120	M7×1	P3	2.5P	7	120	13	10	6.2	5	8	3	●
SIM0710150	M7×1	P3	2.5P	7	150	13	10	6.2	5	8	3	●
SIM08125100	M8×1.25	P3	2.5P	5	100	22	15	6.2	5	8	3	●
SIM08125120	M8×1.25	P3	2.5P	5	120	22	15	6.2	5	8	3	●
SIM08125150	M8×1.25	P3	2.5P	5	150	22	15	6.2	5	8	3	○
SIM0810100	M8×1	P3	2.5P	5	100	22	15	6.2	5	8	3	●
SIM0810120	M8×1	P3	2.5P	5	120	22	15	6.2	5	8	3	●
SIM0810150	M8×1	P3	2.5P	5	150	22	15	6.2	5	8	3	○
SIM1015100	M10×1.5	P4	2.5P	5	100	24	19	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

Unit:mm

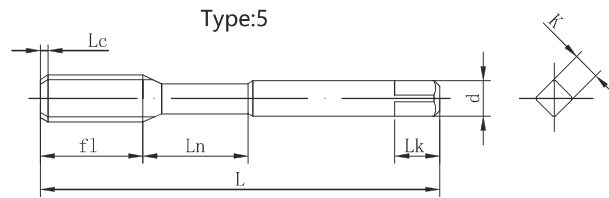
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
SIM1015120	M10×1.5	P4	2.5P	5	120	24	19	7	5.5	8	3	●
SIM1015150	M10×1.5	P4	2.5P	5	150	24	19	7	5.5	8	3	●
SIM10125100	M10×1.25	P3	2.5P	5	100	24	19	7	5.5	8	3	●
SIM10125120	M10×1.25	P3	2.5P	5	120	24	19	7	5.5	8	3	○
SIM10125150	M10×1.25	P3	2.5P	5	150	24	19	7	5.5	8	3	○
SIM1010100	M10×1	P3	2.5P	5	100	24	19	7	5.5	8	3	●
SIM1010120	M10×1	P3	2.5P	5	120	24	19	7	5.5	8	3	○
SIM1010150	M10×1	P3	2.5P	5	150	24	19	7	5.5	8	3	○
SIM12175100	M12×1.75	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
SIM12175120	M12×1.75	P4	2.5P	5	120	29	17	8.5	6.5	9	3	●
SIM12175150	M12×1.75	P4	2.5P	5	150	29	17	8.5	6.5	9	3	●
SIM1215100	M12×1.5	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
SIM1215120	M12×1.5	P4	2.5P	5	120	29	17	8.5	6.5	9	3	○
SIM1215150	M12×1.5	P4	2.5P	5	150	29	17	8.5	6.5	9	3	○
SIM12125100	M12×1.25	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
SIM12125120	M12×1.25	P4	2.5P	5	120	29	17	8.5	6.5	9	3	○
SIM12125150	M12×1.25	P4	2.5P	5	150	29	17	8.5	6.5	9	3	○
SIM1210100	M12×1	P3	2.5P	5	100	29	17	8.5	6.5	9	3	●
SIM1210120	M12×1	P3	2.5P	5	120	29	17	8.5	6.5	9	3	○
SIM1210150	M12×1	P3	2.5P	5	150	29	17	8.5	6.5	9	3	○
SIM1420120	M14×2	P5	2.5P	5	120	20	31	10.5	8	11	3	●
SIM1420150	M14×2	P5	2.5P	5	150	20	31	10.5	8	11	3	○
SIM1415120	M14×1.5	P4	2.5P	5	120	20	31	10.5	8	11	3	●
SIM1415150	M14×1.5	P4	2.5P	5	150	20	31	10.5	8	11	3	○
SIM14125120	M14×1.25	P4	2.5P	5	120	20	31	10.5	8	11	3	○
SIM14125150	M14×1.25	P4	2.5P	5	150	20	31	10.5	8	11	3	○
SIM1410120	M14×1	P3	2.5P	5	120	20	31	10.5	8	11	3	○
SIM1410150	M14×1	P3	2.5P	5	150	20	31	10.5	8	11	3	○
SIM1620120	M16×2	P5	2.5P	5	120	20	32	12.5	10	13	3	○
SIM1620150	M16×2	P5	2.5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

CPS M ISO 6H   JIS

Unit:mm

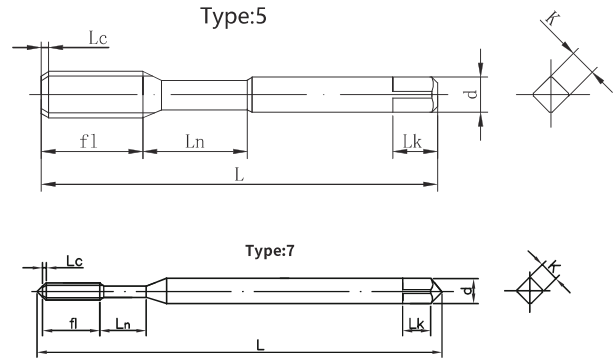
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SIM1615120	M16×1.5	P4	2.5P	5	120	20	32	12.5	10	13	3	○
SIM1615150	M16×1.5	P4	2.5P	5	150	20	32	12.5	10	13	3	○
SIM16125120	M16×1.25	P4	2.5P	5	120	20	32	12.5	10	13	3	○
SIM16125150	M16×1.25	P4	2.5P	5	150	20	32	12.5	10	13	3	○
SIM1610120	M16×1	P3	2.5P	5	120	20	32	12.5	10	13	3	○
SIM1610150	M16×1	P3	2.5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

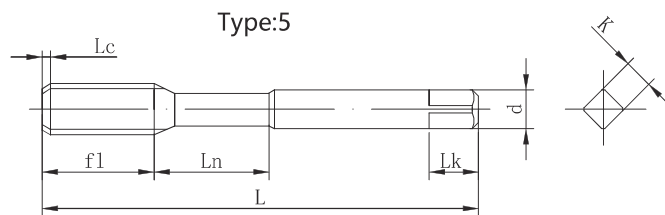
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
SIU44080	NO.4-40UNC	P2	2.5P	7	80	10	6	3	2.5	5	3	●
SIU440100	NO.4-40UNC	P2	2.5P	7	100	10	6	3	2.5	5	3	●
SIU54080	NO.5-40UNC	P2	2.5P	7	80	12	7	4	3.2	6	3	○
SIU540100	NO.5-40UNC	P2	2.5P	7	100	12	7	4	3.2	6	3	○
SIU63280	NO.6-32UNC	P2	2.5P	7	80	13	7	4	3.2	6	3	●
SIU632100	NO.6-32UNC	P2	2.5P	7	100	13	7	4	3.2	6	3	●
SIU632120	NO.6-32UNC	P2	2.5P	7	120	13	7	4	3.2	6	3	○
SIU632150	NO.6-32UNC	P2	2.5P	7	150	13	7	4	3.2	6	3	○
SIU83280	NO.8-32UNC	P2	2.5P	7	80	13.5	8	5	4	7	3	●
SIU832100	NO.8-32UNC	P2	2.5P	7	100	13.5	8	5	4	7	3	●
SIU832120	NO.8-32UNC	P2	2.5P	7	120	13.5	8	5	4	7	3	○
SIU832150	NO.8-32UNC	P2	2.5P	7	150	13.5	8	5	4	7	3	○
SIU102480	NO.10-24UNC	P2	2.5P	7	80	16.5	9.5	5.5	4.5	7	3	●
SIU1024100	NO.10-24UNC	P2	2.5P	7	100	16.5	9.5	5.5	4.5	7	3	●
SIU1024120	NO.10-24UNC	P2	2.5P	7	120	16.5	9.5	5.5	4.5	7	3	○
SIU1024150	NO.10-24UNC	P2	2.5P	7	150	16.5	9.5	5.5	4.5	7	3	○
SIU122480	NO.12-24UNC	P2	2.5P	7	80	16.5	9.5	5.5	4.5	7	3	●
SIU1224100	NO.12-24UNC	P2	2.5P	7	100	16.5	9.5	5.5	4.5	7	3	●
SIU1224120	NO.12-24UNC	P2	2.5P	7	120	16.5	9.5	5.5	4.5	7	3	○
SIU1224150	NO.12-24UNC	P2	2.5P	7	150	16.5	9.5	5.5	4.5	7	3	○
SIU142080	1/4-20UNC	P2	2.5P	7	80	19.5	9.5	6	4.5	7	3	●
SIU1420100	1/4-20UNC	P2	2.5P	7	100	19.5	9.5	6	4.5	7	3	●
SIU1420120	1/4-20UNC	P2	2.5P	7	120	19.5	9.5	6	4.5	7	3	●
SIU1420150	1/4-20UNC	P2	2.5P	7	150	19.5	9.5	6	4.5	7	3	●
SIU51618100	5/16-18UNC	P3	2.5P	5	100	23	15	6.1	5	8	3	●
SIU51618120	5/16-18UNC	P3	2.5P	5	120	23	15	6.1	5	8	3	●
SIU51618150	5/16-18UNC	P3	2.5P	5	150	23	15	6.1	5	8	3	●
SIU51624100	5/16-24UNF	P3	2.5P	5	100	23	15	6.1	5	8	3	●
SIU51624120	5/16-24UNF	P3	2.5P	5	120	23	15	6.1	5	8	3	●
SIU51624150	5/16-24UNF	P3	2.5P	5	150	23	15	6.1	5	8	3	●
SIU3816100	3/8-16UNC	P3	2.5P	5	100	25	18	7	5.5	8	3	●
SIU3816120	3/8-16UNC	P3	2.5P	5	120	25	18	7	5.5	8	3	●
SIU3816150	3/8-16UNC	P3	2.5P	5	150	25	18	7	5.5	8	3	●
SIU3824100	3/8-24UNF	P3	2.5P	5	100	25	18	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ smooth chip removal, excellent wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

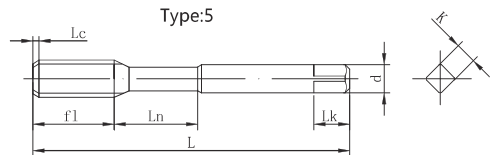
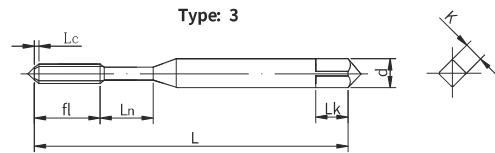
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
SIU3824120	3/8-24UNF	P3	2.5P	5	120	25	18	7	5.5	8	3	●
SIU3824150	3/8-24UNF	P3	2.5P	5	150	25	18	7	5.5	8	3	○
SIU71614100	7/16-14UNC	P4	2.5P	5	100	29	16	8	6	9	3	●
SIU71614120	7/16-14UNC	P4	2.5P	5	120	29	16	8	6	9	3	●
SIU71614150	7/16-14UNC	P4	2.5P	5	150	29	16	8	6	9	3	○
SIU71620100	7/16-20UNF	P3	2.5P	5	100	29	16	8	6	9	3	●
SIU71620120	7/16-20UNF	P3	2.5P	5	120	29	16	8	6	9	3	●
SIU71620150	7/16-20UNF	P3	2.5P	5	150	29	16	8	6	9	3	○
SIU1213100	1/2-13UNC	P4	2.5P	5	100	30	18	9	7	10	3	●
SIU1213120	1/2-13UNC	P4	2.5P	5	120	30	18	9	7	10	3	●
SIU1213150	1/2-13UNC	P4	2.5P	5	150	30	18	9	7	10	3	○
SIU1220100	1/2-20UNF	P3	2.5P	5	100	30	18	9	7	10	3	●
SIU1220120	1/2-20UNF	P3	2.5P	5	120	30	18	9	7	10	3	●
SIU1220150	1/2-20UNF	P3	2.5P	5	150	30	18	9	7	10	3	○
SIU91612120	9/16-12UNC	P4	2.5P	5	120	30	20	10.5	8	11	3	○
SIU91612150	9/16-12UNC	P4	2.5P	5	150	30	20	10.5	8	11	3	○
SIU91618120	9/16-18UNF	P3	2.5P	5	120	30	20	10.5	8	11	3	○
SIU91618150	9/16-18UNF	P3	2.5P	5	150	30	20	10.5	8	11	3	○
SIU5811120	5/8-11UNC	P4	2.5P	5	120	23	25	12	9	12	3	○
SIU5811150	5/8-11UNC	P4	2.5P	5	150	23	25	12	9	12	3	○
SIU5818120	5/8-18UNF	P3	2.5P	5	120	23	25	12	9	12	3	○
SIU5818150	5/8-18UNF	P3	2.5P	5	150	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### GI3-GPT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ Coating, suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

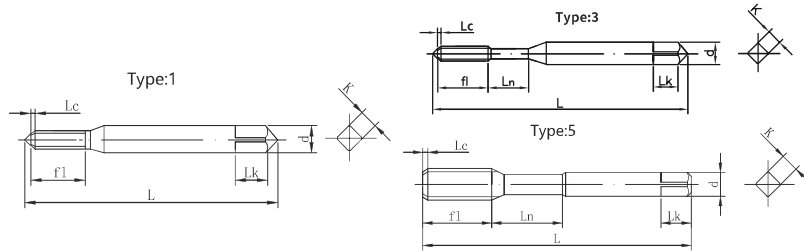
Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	ln	d	k	Lk	
GI3P04070	M4×0.7	6HX	5P	13	63	9	12	4.5	3.4	6	●
GI3P05080	M5×0.8	6HX	5P	13	70	10	15	6	4.9	8	●
GI3P06100	M6×1	6HX	5P	13	80	10	20	6	4.9	8	●
GI3P07100	M7×1	6HX	5P	13	80	10	20	7	5.5	8	●
GI3P08125	M8×1.25	6HX	5P	5	90	13	22	8	6.2	9	●
GI3P08100	M8×1	6HX	5P	5	90	13	22	8	6.2	9	●
GI3P10150	M10×1.5	6HX	5P	5	100	15	24	10	8	11	●
GI3P10125	M10×1.25	6HX	5P	5	100	15	24	10	8	11	●
GI3P10100	M10×1	6HX	5P	5	100	15	24	10	8	11	●
GI3P12175	M12×1.75	6HX	5P	5	110	17	32	9	7	10	●
GI3P12150	M12×1.5	6HX	5P	5	110	17	32	9	7	10	●
GI3P12125	M12×1.25	6HX	5P	5	110	17	32	9	7	10	●
GI3P12100	M12×1	6HX	5P	5	110	17	32	9	7	10	●
GI3P14200	M14×2	6HX	5P	5	110	20	33	11	9	12	●
GI3P14150	M14×1.5	6HX	5P	5	110	20	33	11	9	12	●
GI3P14125	M14×1.25	6HX	5P	5	110	20	33	11	9	12	●
GI3P14100	M14×1	6HX	5P	5	110	20	33	11	9	12	●
GI3P16200	M16×2	6HX	5P	5	110	20	34	12	9	12	●
GI3P16150	M16×1.5	6HX	5P	5	110	20	34	12	9	12	●
GI3P16125	M16×1.25	6HX	5P	5	110	20	34	12	9	12	●
GI3P16100	M16×1	6HX	5P	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
●	●	●	●	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### JIS -POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

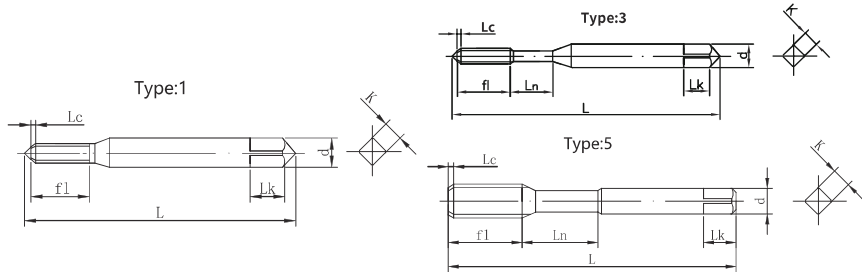
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
JSM010025	M1×0.25	P1	5P	1	37	4.5	-	3	2.5	3	2	●
JSM012025	M1.2×0.25	P1	5P	1	37	5.5	-	3	2.5	3	2	●
JSM014030	M1.4×0.3	P1	5P	1	37	9	-	3	2.5	3	2	●
JSM016035	M1.6×0.35	P2	5P	1	37	8	-	3	2.5	3	2	●
JSM020040	M2×0.4	P2	5P	1	45	11	-	3	2.5	3	2	●
JSM025045	M2.5×0.45	P2	5P	1	45	12	-	3	2.5	3	2	●
JSM030050	M3×0.5	P2	5P	3	50	12	7	4	3.2	6	3	●
JSM035060	M3.5×0.6	P2	5P	3	50	13	7	4	3.2	6	3	●
JSM040070	M4×0.7	P2	5P	3	57	14	7	5	4	7	3	●
JSM050080	M5×0.8	P2	5P	3	66	16	9	5.5	4.5	7	3	●
JSM060100	M6×1	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
JSM070100	M7×1	P3	5P	3	78	13	10	6.2	5	8	3	●
JSM080125	M8×1.25	P3	5P	5	70	22	15	6.2	5	8	3	●
JSM080100	M8×1	P3	5P	5	70	22	15	6.2	5	8	3	●
JSM100150	M10×1.5	P4	5P	5	75	24	19	7	5.5	8	3	●
JSM100125	M10×1.25	P3	5P	5	75	24	19	7	5.5	8	3	●
JSM100100	M10×1	P3	5P	5	75	24	19	7	5.5	8	3	●
JSM120175	M12×1.75	P4	5P	5	82	29	17	8.5	6.5	9	3	●
JSM120150	M12×1.5	P4	5P	5	82	29	17	8.5	6.5	9	3	●
JSM120125	M12×1.25	P4	5P	5	82	29	17	8.5	6.5	9	3	●
JSM120100	M12×1	P3	5P	5	82	29	17	8.5	6.5	9	3	●
JSM140200	M14×2	P5	5P	5	88	20	31	10.5	8	11	3	●
JSM140150	M14×1.5	P4	5P	5	88	20	31	10.5	8	11	3	●
JSM140125	M14×1.25	P4	5P	5	88	20	31	10.5	8	11	3	●
JSM140100	M14×1	P3	5P	5	88	20	31	10.5	8	11	3	●
JSM160200	M16×2	P5	5P	5	95	20	32	12.5	10	13	3	●
JSM160150	M16×1.5	P4	5P	5	95	20	32	12.5	10	13	3	●
JSM160125	M16×1.25	P4	5P	5	95	20	32	12.5	10	13	3	●
JSM160100	M16×1	P3	5P	5	95	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### JIS -POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

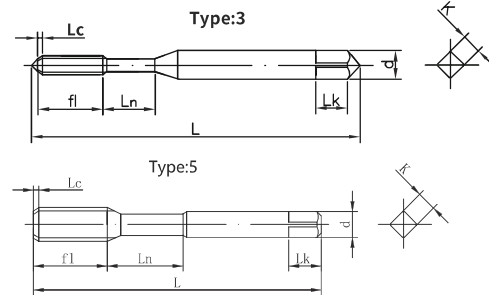
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
JSMU080	NO.0-80UNF	P1	5P	1	37	10	-	3	2.5	3	2	●
JSMU164	NO.1-64UNC	P1	5P	1	37	11	-	3	2.5	3	2	●
JSMU256	NO.2-56UNC	P1	5P	1	45	12	-	3	2.5	3	2	●
JSMU348	NO.3-48UNC	P1	5P	1	45	14	-	3	2.5	3	2	●
JSMU440	NO.4-40UNC	P2	5P	1	45	13	-	3	2.5	3	2	●
JSMU540	NO.5-40UNC	P2	5P	3	50	12	7	4	3.2	6	3	●
JSMU632	NO.6-32UNC	P2	5P	3	50	13	7	4	3.2	6	3	●
JSMU832	NO.8-32UNC	P2	5P	3	57	13.5	8	5	4	7	3	●
JSMU1024	NO.10-24UNC	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSMU1032	NO.10-32UNF	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSMU1224	NO.12-24UNC	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSMU1228	NO.12-28UNF	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
JSMU1420	1/4-20UNC	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
JSMU1428	1/4-28UNF	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
JSMU51618	5/16-18UNC	P3	5P	5	70	23	15	6.1	5	8	3	●
JSMU51624	5/16-24UNF	P3	5P	5	70	23	15	6.1	5	8	3	●
JSMU3816	3/8-16UNC	P3	5P	5	75	25	18	7	5.5	8	3	●
JSMU3824	3/8-24UNF	P3	5P	5	75	25	18	7	5.5	8	3	●
JSMU71614	7/16-14UNC	P4	5P	5	80	29	16	8	6	9	3	●
JSMU71620	7/16-20UNF	P3	5P	5	80	29	16	8	6	9	3	●
JSMU1213	1/2-13UNC	P4	5P	5	85	30	18	9	7	10	3	●
JSMU1220	1/2-20UNF	P3	5P	5	85	30	18	9	7	10	3	●
JSMU91612	9/16-12UNC	P4	5P	5	90	30	20	10.5	8	11	3	●
JSMU91618	9/16-18UNF	P3	5P	5	90	30	20	10.5	8	11	3	●
JSMU5811	5/8-11UNC	P4	5P	5	95	23	25	12	9	12	3	●
JSMU5818	5/8-18UNF	P3	5P	5	95	23	25	12	9	12	3	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### S-POT SPIRAL POINTED TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

Unit:mm

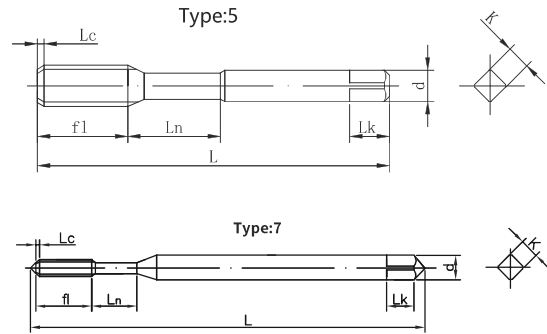
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
JSM030035	M3×0.35	P2	5P	3	50	5	13	4	3.2	6	3	○
JSM035035	M3.5×0.35	P2	5P	3	50	6	13	4	3.2	6	3	○
JSM040050	M4×0.5	P2	5P	3	57	9	11	5	4	7	3	○
JSM050050	M5×0.5	P2	5P	3	66	8	17	5.5	4.5	7	3	○
JSM060050	M6×0.5	P2	5P	3	69	12	12	6	4.5	7	3	○
JSM060075	M6×0.75	P2	5P	3	69	12	12	6	4.5	7	3	○
JSM070075	M7×0.75	P3	5P	3	78	13	10	6.2	5	8	3	○
JSM080075	M8×0.75	P3	5P	5	70	13	23	6.2	5	8	3	○
JSM100075	M10×0.75	P3	5P	5	75	13	30	7	5.5	8	3	○
JSMU640	NO.6-40UNF	P2	5P	3	50	8	12	4	3.2	6	3	○
JSMU836	NO.8-36UNF	P2	5P	3	57	8	13.5	5	4	7	3	○

Tolerances under 6H/2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

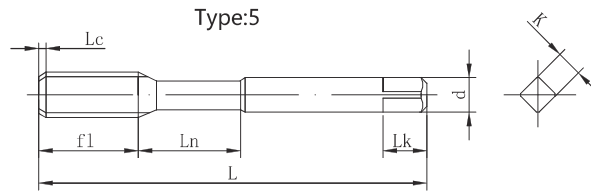
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LLM020480	M2×0.4	P2	5P	7	80	9	6	3	2.5	5	2	●
LLM0204100	M2×0.4	P2	5P	7	100	9	6	3	2.5	5	2	●
LLM02504580	M2.5×0.45	P2	5P	7	80	9	6	3	2.5	5	2	●
LLM025045100	M2.5×0.45	P2	5P	7	100	9	6	3	2.5	5	2	●
LLM030580	M3×0.5	P2	5P	7	80	12	7	4	3.2	6	3	●
LLM0305100	M3×0.5	P2	5P	7	100	12	7	4	3.2	6	3	●
LLM0305120	M3×0.5	P2	5P	7	120	12	7	4	3.2	6	3	●
LLM0305150	M3×0.5	P2	5P	7	150	12	7	4	3.2	6	3	○
LLM0350680	M3.5×0.6	P2	5P	7	80	13	7	4	3.2	6	3	●
LLM03506100	M3.5×0.6	P2	5P	7	100	13	7	4	3.2	6	3	●
LLM03506120	M3.5×0.6	P2	5P	7	120	13	7	4	3.2	6	3	●
LLM03506150	M3.5×0.6	P2	5P	7	150	13	7	4	3.2	6	3	○
LLM040780	M4×0.7	P2	5P	7	80	14	7	5	4	7	3	●
LLM0407100	M4×0.7	P2	5P	7	100	14	7	5	4	7	3	●
LLM0407120	M4×0.7	P2	5P	7	120	14	7	5	4	7	3	●
LLM0407150	M4×0.7	P2	5P	7	150	14	7	5	4	7	3	○
LLM050880	M5×0.8	P2	5P	7	80	16	9	5.5	4.5	7	3	●
LLM0508100	M5×0.8	P2	5P	7	100	16	9	5.5	4.5	7	3	●
LLM0508120	M5×0.8	P2	5P	7	120	16	9	5.5	4.5	7	3	●
LLM0508150	M5×0.8	P2	5P	7	150	16	9	5.5	4.5	7	3	○
LLM061080	M6×1	P2	5P	7	80	19.5	9.5	6	4.5	7	3	●
LLM0610100	M6×1	P2	5P	7	100	19.5	9.5	6	4.5	7	3	●
LLM0610120	M6×1	P2	5P	7	120	19.5	9.5	6	4.5	7	3	●
LLM0610150	M6×1	P2	5P	7	150	19.5	9.5	6	4.5	7	3	●
LLM0710100	M7×1	P3	5P	7	100	13	10	6.2	5	8	3	●
LLM0710120	M7×1	P3	5P	7	120	13	10	6.2	5	8	3	●
LLM0710150	M7×1	P3	5P	7	150	13	10	6.2	5	8	3	●
LLM08125100	M8×1.25	P3	5P	5	100	22	15	6.2	5	8	3	●
LLM08125120	M8×1.25	P3	5P	5	120	22	15	6.2	5	8	3	●
LLM08125150	M8×1.25	P3	5P	5	150	22	15	6.2	5	8	3	○
LLM0810100	M8×1	P3	5P	5	100	22	15	6.2	5	8	3	●
LLM0810120	M8×1	P3	5P	5	120	22	15	6.2	5	8	3	●
LLM0810150	M8×1	P3	5P	5	150	22	15	6.2	5	8	3	○
LLM1015100	M10×1.5	P4	5P	5	100	24	19	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

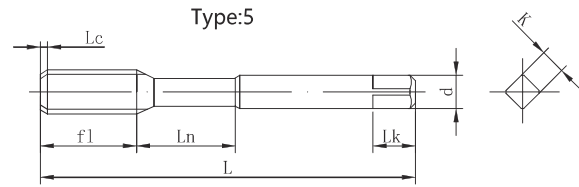
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LLM1015120	M10×1.5	P4	5P	5	120	24	19	7	5.5	8	3	●
LLM1015150	M10×1.5	P4	5P	5	150	24	19	7	5.5	8	3	●
LLM10125100	M10×1.25	P3	5P	5	100	24	19	7	5.5	8	3	●
LLM10125120	M10×1.25	P3	5P	5	120	24	19	7	5.5	8	3	○
LLM10125150	M10×1.25	P3	5P	5	150	24	19	7	5.5	8	3	○
LLM1010100	M10×1	P3	5P	5	100	24	19	7	5.5	8	3	●
LLM1010120	M10×1	P3	5P	5	120	24	19	7	5.5	8	3	○
LLM1010150	M10×1	P3	5P	5	150	24	19	7	5.5	8	3	○
LLM12175100	M12×1.75	P4	5P	5	100	29	17	8.5	6.5	9	3	●
LLM12175120	M12×1.75	P4	5P	5	120	29	17	8.5	6.5	9	3	●
LLM12175150	M12×1.75	P4	5P	5	150	29	17	8.5	6.5	9	3	●
LLM1215100	M12×1.5	P4	5P	5	100	29	17	8.5	6.5	9	3	●
LLM1215120	M12×1.5	P4	5P	5	120	29	17	8.5	6.5	9	3	○
LLM1215150	M12×1.5	P4	5P	5	150	29	17	8.5	6.5	9	3	○
LLM12125100	M12×1.25	P4	5P	5	100	29	17	8.5	6.5	9	3	●
LLM12125120	M12×1.25	P4	5P	5	120	29	17	8.5	6.5	9	3	●
LLM12125150	M12×1.25	P4	5P	5	150	29	17	8.5	6.5	9	3	○
LLM1210100	M12×1	P3	5P	5	100	29	17	8.5	6.5	9	3	●
LLM1210120	M12×1	P3	5P	5	120	29	17	8.5	6.5	9	3	○
LLM1210150	M12×1	P3	5P	5	150	29	17	8.5	6.5	9	3	○
LLM1420120	M14×2	P5	5P	5	120	20	31	10.5	8	11	3	●
LLM1420150	M14×2	P5	5P	5	150	20	31	10.5	8	11	3	○
LLM1415120	M14×1.5	P4	5P	5	120	20	31	10.5	8	11	3	●
LLM1415150	M14×1.5	P4	5P	5	150	20	31	10.5	8	11	3	○
LLM14125120	M14×1.25	P4	5P	5	120	20	31	10.5	8	11	3	○
LLM14125150	M14×1.25	P4	5P	5	150	20	31	10.5	8	11	3	○
LLM1410120	M14×1	P3	5P	5	120	20	31	10.5	8	11	3	○
LLM1410150	M14×1	P3	5P	5	150	20	31	10.5	8	11	3	○
LLM1620120	M16×2	P5	5P	5	120	20	32	12.5	10	13	3	○
LLM1620150	M16×2	P5	5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.

Unit:mm

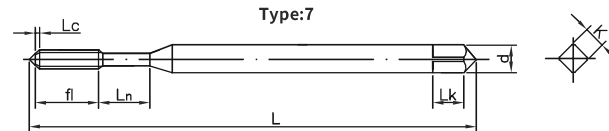
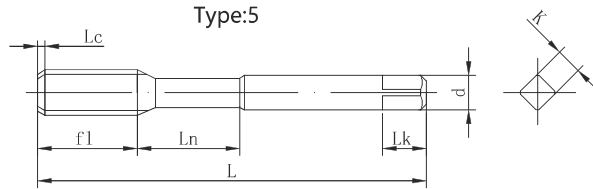
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
LLM1615120	M16×1.5	P4	5P	5	120	20	32	12.5	10	13	3	○
LLM1615150	M16×1.5	P4	5P	5	150	20	32	12.5	10	13	3	○
LLM16125120	M16×1.25	P4	5P	5	120	20	32	12.5	10	13	3	○
LLM16125150	M16×1.25	P4	5P	5	150	20	32	12.5	10	13	3	○
LLM1610120	M16×1	P3	5P	5	120	20	32	12.5	10	13	3	○
LLM1610150	M16×1	P3	5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

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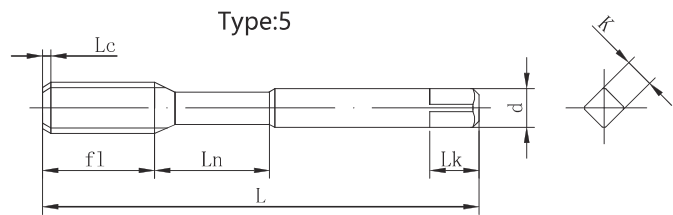
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
LLMU44080	NO.4-40UNC	P2	5P	7	80	10	6	3	2.5	5	2	●
LLMU440100	NO.4-40UNC	P2	5P	7	100	10	6	3	2.5	5	2	●
LLMU54080	NO.5-40UNC	P2	5P	7	80	12	7	4	3.2	6	3	○
LLMU540100	NO.5-40UNC	P2	5P	7	100	12	7	4	3.2	6	3	○
LLMU63280	NO.6-32UNC	P2	5P	7	80	13	7	4	3.2	6	3	●
LLMU632100	NO.6-32UNC	P2	5P	7	100	13	7	4	3.2	6	3	●
LLMU632120	NO.6-32UNC	P2	5P	7	120	13	7	4	3.2	6	3	○
LLMU632150	NO.6-32UNC	P2	5P	7	150	13	7	4	3.2	6	3	○
LLMU83280	NO.8-32UNC	P2	5P	7	80	13.5	8	5	4	7	3	●
LLMU832100	NO.8-32UNC	P2	5P	7	100	13.5	8	5	4	7	3	●
LLMU832120	NO.8-32UNC	P2	5P	7	120	13.5	8	5	4	7	3	○
LLMU832150	NO.8-32UNC	P2	5P	7	150	13.5	8	5	4	7	3	○
LLMU102480	NO.10-24UNC	P2	5P	7	80	16.5	9.5	5.5	4.5	7	3	●
LLMU1024100	NO.10-24UNC	P2	5P	7	100	16.5	9.5	5.5	4.5	7	3	●
LLMU1024120	NO.10-24UNC	P2	5P	7	120	16.5	9.5	5.5	4.5	7	3	○
LLMU1024150	NO.10-24UNC	P2	5P	7	150	16.5	9.5	5.5	4.5	7	3	○
LLMU122480	NO.12-24UNC	P2	5P	7	80	16.5	9.5	5.5	4.5	7	3	●
LLMU1224100	NO.12-24UNC	P2	5P	7	100	16.5	9.5	5.5	4.5	7	3	●
LLMU1224120	NO.12-24UNC	P2	5P	7	120	16.5	9.5	5.5	4.5	7	3	○
LLMU1224150	NO.12-24UNC	P2	5P	7	150	16.5	9.5	5.5	4.5	7	3	○
LLMU142080	1/4-20UNC	P2	5P	7	80	19.5	9.5	6	4.5	7	3	●
LLMU1420100	1/4-20UNC	P2	5P	7	100	19.5	9.5	6	4.5	7	3	●
LLMU1420120	1/4-20UNC	P2	5P	7	120	19.5	9.5	6	4.5	7	3	●
LLMU1420150	1/4-20UNC	P2	5P	7	150	19.5	9.5	6	4.5	7	3	●
LLMU51618100	5/16-18UNC	P3	5P	5	100	23	15	6.1	5	8	3	●
LLMU51618120	5/16-18UNC	P3	5P	5	120	23	15	6.1	5	8	3	●
LLMU51618150	5/16-18UNC	P3	5P	5	150	23	15	6.1	5	8	3	●
LLMU51624100	5/16-24UNF	P3	5P	5	100	23	15	6.1	5	8	3	●
LLMU51624120	5/16-24UNF	P3	5P	5	120	23	15	6.1	5	8	3	●
LLMU51624150	5/16-24UNF	P3	5P	5	150	23	15	6.1	5	8	3	●
LLMU3816100	3/8-16UNC	P3	5P	5	100	25	18	7	5.5	8	3	●
LLMU3816120	3/8-16UNC	P3	5P	5	120	25	18	7	5.5	8	3	●
LLMU3816150	3/8-16UNC	P3	5P	5	150	25	18	7	5.5	8	3	●
LLMU3824100	3/8-24UNF	P3	5P	5	100	25	18	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

## TAPS FOR STAINLESS STEEL

### L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ suitable for difficult to machine stainless steel, excellent processing characteristics and wear resistance.
- ◎ Suitable for stainless steel 200 series, 300 series, etc.



Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
LLMU3824120	3/8-24UNF	P3	5P	5	120	25	18	7	5.5	8	3	●
LLMU3824150	3/8-24UNF	P3	5P	5	150	25	18	7	5.5	8	3	○
LLMU71614100	7/16-14UNC	P4	5P	5	100	29	16	8	6	9	3	●
LLMU71614120	7/16-14UNC	P4	5P	5	120	29	16	8	6	9	3	●
LLMU71614150	7/16-14UNC	P4	5P	5	150	29	16	8	6	9	3	○
LLMU71620100	7/16-20UNF	P3	5P	5	100	29	16	8	6	9	3	●
LLMU71620120	7/16-20UNF	P3	5P	5	120	29	16	8	6	9	3	●
LLMU71620150	7/16-20UNF	P3	5P	5	150	29	16	8	6	9	3	○
LLMU1213100	1/2-13UNC	P4	5P	5	100	30	18	9	7	10	3	●
LLMU1213120	1/2-13UNC	P4	5P	5	120	30	18	9	7	10	3	●
LLMU1213150	1/2-13UNC	P4	5P	5	150	30	18	9	7	10	3	○
LLMU1220100	1/2-20UNF	P3	5P	5	100	30	18	9	7	10	3	●
LLMU1220120	1/2-20UNF	P3	5P	5	120	30	18	9	7	10	3	●
LLMU1220150	1/2-20UNF	P3	5P	5	150	30	18	9	7	10	3	○
LLMU91612120	9/16-12UNC	P4	5P	5	120	30	20	10.5	8	11	3	○
LLMU91612150	9/16-12UNC	P4	5P	5	150	30	20	10.5	8	11	3	○
LLMU91618120	9/16-18UNF	P3	5P	5	120	30	20	10.5	8	11	3	○
LLMU91618150	9/16-18UNF	P3	5P	5	150	30	20	10.5	8	11	3	○
LLMU5811120	5/8-11UNC	P4	5P	5	120	23	25	12	9	12	3	○
LLMU5811150	5/8-11UNC	P4	5P	5	150	23	25	12	9	12	3	○
LLMU5818120	5/8-18UNF	P3	5P	5	120	23	25	12	9	12	3	○
LLMU5818150	5/8-18UNF	P3	5P	5	150	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	●	-	-	-	-	-	-	-	-

# T-BELI



# JIS DIN

## Standard

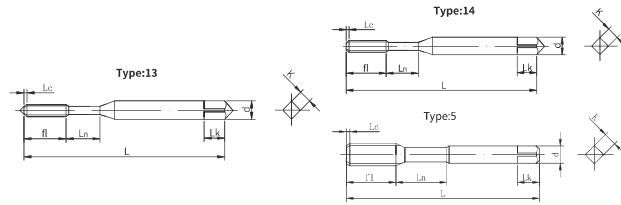


## TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

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<b>GX08-S-CPS</b>	GX08-S-CPS FORMING TAPS WITH FINE THREAD (JIS).....	106/108
<b>GX08-B-CPS</b>	GX08-B-CPS FORMING TAPS WITH LONG NECK (JIS).....	109/110
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TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## ALI-CPS FORMING TAPS



- ⊙ High-speed steel material;
- ⊙ Complex coating, excellent wear resistance.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

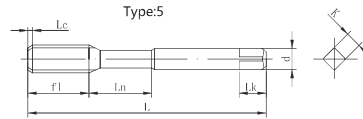
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	Ln	d	k	Lk	
ALI04070P	M4×0.7	6HX	4P	13	63	9	12	4.5	3.4	6	●
ALI04070B	M4×0.7	6HX	2.5P	14	63	9	12	4.5	3.4	6	●
ALI05080P	M5×0.8	6HX	4P	13	70	10	15	6	4.9	8	●
ALI05080B	M5×0.8	6HX	2.5P	14	70	10	15	6	4.9	8	●
ALI06100P	M6×1	6HX	4P	13	80	10	20	6	4.9	8	●
ALI06100B	M6×1	6HX	2.5P	14	80	10	20	6	4.9	8	●
ALI07100P	M7×1	6HX	4P	13	80	10	20	7	5.5	8	●
ALI07100B	M7×1	6HX	2.5P	14	80	10	20	7	5.5	8	●
ALI08125P	M8×1.25	6HX	4P	5	90	13	22	8	6.2	9	●
ALI08125B	M8×1.25	6HX	2.5P	5	90	13	22	8	6.2	9	●
ALI08100P	M8×1	6HX	4P	5	90	13	22	8	6.2	9	●
ALI08100B	M8×1	6HX	2.5P	5	90	13	22	8	6.2	9	●
ALI10150P	M10×1.5	6HX	4P	5	100	15	24	10	8	11	●
ALI10150B	M10×1.5	6HX	2.5P	5	100	15	24	10	8	11	●
ALI10125P	M10×1.25	6HX	4P	5	100	15	24	10	8	11	●
ALI10125B	M10×1.25	6HX	2.5P	5	100	15	24	10	8	11	●
ALI10100P	M10×1	6HX	4P	5	100	15	24	10	8	11	●
ALI10100B	M10×1	6HX	2.5P	5	100	15	24	10	8	11	●
ALI12175P	M12×1.75	6HX	4P	5	110	17	32	9	7	10	●
ALI12175B	M12×1.75	6HX	2.5P	5	110	17	32	9	7	10	●
ALI12150P	M12×1.5	6HX	4P	5	110	17	32	9	7	10	●
ALI12150B	M12×1.5	6HX	2.5P	5	110	17	32	9	7	10	●
ALI12125P	M12×1.25	6HX	4P	5	110	17	32	9	7	10	●
ALI12125B	M12×1.25	6HX	2.5P	5	110	17	32	9	7	10	●
ALI12100P	M12×1	6HX	4P	5	110	17	32	9	7	10	●
ALI12100B	M12×1	6HX	2.5P	5	110	17	32	9	7	10	●
ALI14200P	M14×2	6HX	4P	5	110	20	33	11	9	12	●
ALI14200B	M14×2	6HX	2.5P	5	110	20	33	11	9	12	●
ALI14150P	M14×1.5	6HX	4P	5	110	20	33	11	9	12	●
ALI14150B	M14×1.5	6HX	2.5P	5	110	20	33	11	9	12	●
ALI14125P	M14×1.25	6HX	4P	5	110	20	33	11	9	12	●
ALI14125B	M14×1.25	6HX	2.5P	5	110	20	33	11	9	12	●
ALI14100P	M14×1	6HX	4P	5	110	20	33	11	9	12	●
ALI14100B	M14×1	6HX	2.5P	5	110	20	33	11	9	12	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## ALI-CPS FORMING TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

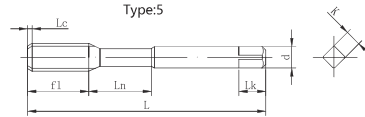
Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	Ln	d	k	Lk	
ALI16200P	M16×2	6HX	4P	5	110	20	34	12	9	12	●
ALI16200B	M16×2	6HX	2.5P	5	110	20	34	12	9	12	●
ALI16150P	M16×1.5	6HX	4P	5	110	20	34	12	9	12	●
ALI16150B	M16×1.5	6HX	2.5P	5	110	20	34	12	9	12	●
ALI16125P	M16×1.25	6HX	4P	5	110	20	34	12	9	12	●
ALI16125B	M16×1.25	6HX	2.5P	5	110	20	34	12	9	12	●
ALI16100P	M16×1	6HX	4P	5	110	20	34	12	9	12	●
ALI16100B	M16×1	6HX	2.5P	5	110	20	34	12	9	12	●
ALI18250P	M18×2.5	6HX	4P	5	125	25	36	14	11	14	●
ALI18250B	M18×2.5	6HX	2.5P	5	125	25	36	14	11	14	●
ALI18200P	M18×2	6HX	4P	5	125	25	36	14	11	14	●
ALI18200B	M18×2	6HX	2.5P	5	125	25	36	14	11	14	●
ALI18150P	M18×1.5	6HX	4P	5	125	25	36	14	11	14	●
ALI18150B	M18×1.5	6HX	2.5P	5	125	25	36	14	11	14	●
ALI20250P	M20×2.5	6HX	4P	5	140	25	44	16	12	15	○
ALI20250B	M20×2.5	6HX	2.5P	5	140	25	44	16	12	15	○
ALI20200P	M20×2	6HX	4P	5	140	25	44	16	12	15	○
ALI20200B	M20×2	6HX	2.5P	5	140	25	44	16	12	15	○
ALI20150P	M20×1.5	6HX	4P	5	140	25	44	16	12	15	○
ALI20150B	M20×1.5	6HX	2.5P	5	140	25	44	16	12	15	○
ALI22250P	M22×2.5	6HX	4P	5	140	25	44	18	14.5	17	○
ALI22250B	M22×2.5	6HX	2.5P	5	140	25	44	18	14.5	17	○
ALI22200P	M22×2	6HX	4P	5	140	25	44	18	14.5	17	○
ALI22200B	M22×2	6HX	2.5P	5	140	25	44	18	14.5	17	○
ALI22150P	M22×1.5	6HX	4P	5	140	25	44	18	14.5	17	○
ALI22150B	M22×1.5	6HX	2.5P	5	140	25	44	18	14.5	17	○
ALI24300P	M24×3	6HX	4P	5	160	30	48	18	14.5	17	○
ALI24300B	M24×3	6HX	2.5P	5	160	30	48	18	14.5	17	○
ALI24250P	M24×2.5	6HX	4P	5	160	30	48	18	14.5	17	○
ALI24250B	M24×2.5	6HX	2.5P	5	160	30	48	18	14.5	17	○
ALI24200P	M24×2	6HX	4P	5	160	30	48	18	14.5	17	○
ALI24200B	M24×2	6HX	2.5P	5	160	30	48	18	14.5	17	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## ALI-CPS FORMING TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

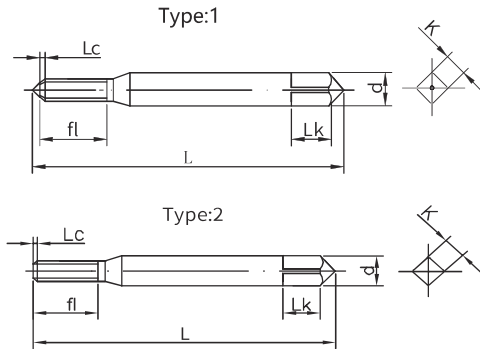
Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	Ln	d	k	Lk	
ALI27250P	M27×2.5	6HX	4P	5	160	30	48	20	16	19	○
ALI27250B	M27×2.5	6HX	2.5P	5	160	30	48	20	16	19	○
ALI27200P	M27×2	6HX	4P	5	160	30	48	20	16	19	○
ALI27200B	M27×2	6HX	2.5P	5	160	30	48	20	16	19	○
ALI30350P	M30×3.5	6HX	4P	5	180	35	53	22	18	21	○
ALI30350B	M30×3.5	6HX	2.5P	5	180	35	53	22	18	21	○
ALI30300P	M30×3	6HX	4P	5	180	35	53	22	18	21	○
ALI30300B	M30×3	6HX	2.5P	5	180	35	53	22	18	21	○
ALI30250P	M30×2.5	6HX	4P	5	180	35	53	22	18	21	○
ALI30250B	M30×2.5	6HX	2.5P	5	180	35	53	22	18	21	○
ALI30200P	M30×2	6HX	4P	5	180	35	53	22	18	21	○
ALI30200B	M30×2	6HX	2.5P	5	180	35	53	22	18	21	○

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

## TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

### GX08 FORMING TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm



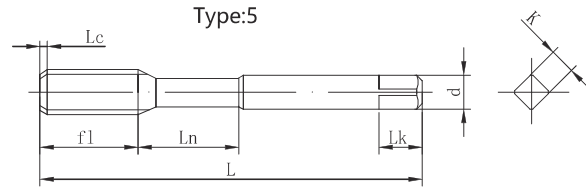
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALN010025P	M1×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	●
ALN010025B	M1×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	●
ALN012025P	M1.2×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	●
ALN012025B	M1.2×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	●
ALN014030P	M1.4×0.3	RH4	4P	1	37	6.5	—	3	2.5	3	—	●
ALN014030B	M1.4×0.3	RH4	2P	2	36	6.5	—	3	2.5	3	—	●
ALN016035P	M1.6×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
ALN016035B	M1.6×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
ALN017035P	M1.7×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
ALN017035B	M1.7×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
ALN020040P	M2×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
ALN020040B	M2×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
ALN023040P	M2.3×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
ALN023040B	M2.3×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
ALN025045P	M2.5×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
ALN025045B	M2.5×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
ALN026045P	M2.6×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
ALN026045B	M2.6×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
ALN030050P	M3×0.5	RH7	4P	1	50	16	—	4	3.2	6	—	●
ALN030050B	M3×0.5	RH7	2P	2	48	16	—	4	3.2	6	—	●
ALN035060P	M3.5×0.6	RH7	4P	1	50	16	—	4	3.2	6	—	●
ALN035060B	M3.5×0.6	RH7	2P	2	48	16	—	4	3.2	6	—	●
ALN040070P	M4×0.7	RH7	4P	1	57	18	—	5	4	7	—	●
ALN040070B	M4×0.7	RH7	2P	2	55	18	—	5	4	7	—	●
ALN050080P	M5×0.8	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
ALN050080B	M5×0.8	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
ALN060100P	M6×1	RH7	4P	1	69	27	—	6	4.5	7	2	●
ALN060100B	M6×1	RH7	2P	2	66.5	27	—	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
=	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08 FORMING TAPS



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

CPS

M

ISO  
6H



Coating  
TB-L50

JIS

Unit:mm

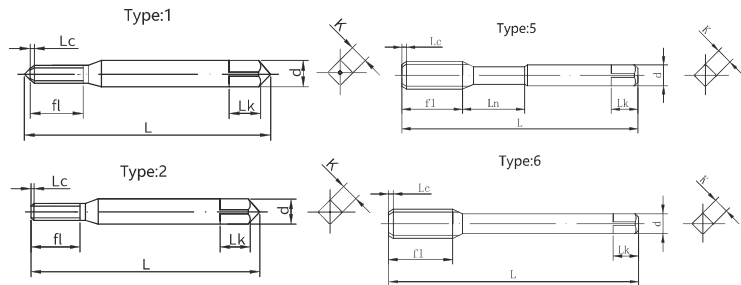
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALN070100P	M7×1	RH7	4P	5	70	13	10	6.2	5	8	2	●
ALN070100B	M7×1	RH7	2P	5	70	13	10	6.2	5	8	2	●
ALN080125P	M8×1.25	RH7	4P	5	70	13	23	6.2	5	8	3	●
ALN080125B	M8×1.25	RH7	2P	5	70	13	23	6.2	5	8	3	●
ALN100150P	M10×1.5	RH8	4P	5	75	15	28	7	5.5	8	6	●
ALN100150B	M10×1.5	RH8	2P	5	75	15	28	7	5.5	8	6	●
ALN120175P	M12×1.75	RH9	4P	5	82	17	25	8.5	6.5	9	6	●
ALN120175B	M12×1.75	RH9	2P	5	82	17	25	8.5	6.5	9	6	●
ALN140200P	M14×2	RH10	4P	5	88	20	31	10.5	8	11	6	●
ALN140200B	M14×2	RH10	2P	5	88	20	31	10.5	8	11	6	●
ALN160200P	M16×2	RH10	4P	5	95	20	32	12.5	10	13	6	●
ALN160200B	M16×2	RH10	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

## TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

### GX08 FORMING TAPS



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

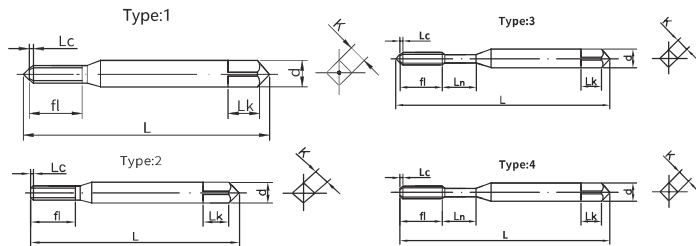
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALNU164P	NO.1-64UNC	RH4	4P	1	37	9	—	3	2.5	3	—	●
ALNU164B	NO.1-64UNC	RH4	2P	2	35.5	9	—	3	2.5	3	—	●
ALNU256P	NO.2-56UNC	RH4	4P	1	45	12	—	3	2.5	3	—	●
ALNU256B	NO.2-56UNC	RH4	2P	2	43.5	12	—	3	2.5	3	—	●
ALNU348P	NO.3-48UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
ALNU348B	NO.3-48UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
ALNU440P	NO.4-40UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
ALNU440B	NO.4-40UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
ALNU540P	NO.5-40UNC	RH4	4P	1	50	15	—	4	3.2	6	—	●
ALNU540B	NO.5-40UNC	RH4	2P	2	48	15	—	4	3.2	6	—	●
ALNU632P	NO.6-32UNC	RH7	4P	1	50	16	—	4	3.2	6	—	●
ALNU632B	NO.6-32UNC	RH7	2P	2	48	16	—	4	3.2	6	—	●
ALNU832P	NO.8-32UNC	RH7	4P	1	57	18	—	5	4	7	—	●
ALNU832B	NO.8-32UNC	RH7	2P	2	54.5	18	—	5	4	7	—	●
ALNU1024P	NO.10-24UNC	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
ALNU1024B	NO.10-24UNC	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
ALNU1224P	NO.12-24UNC	RH7	4P	1	66	23	—	5.5	4.5	7	—	●
ALNU1224B	NO.12-24UNC	RH7	2P	2	63.5	23	—	5.5	4.5	7	—	●
ALNU1420P	1/4-20UNC	RH7	4P	6	62	27	—	6	4.5	7	2	●
ALNU1420B	1/4-20UNC	RH7	2P	6	62	27	—	6	4.5	7	2	●
ALNU51618P	5/16-18UNC	RH8	4P	5	70	15	15	6.1	5	8	3	●
ALNU51618B	5/16-18UNC	RH8	2P	5	70	15	15	6.1	5	8	3	●
ALNU3816P	3/8-16UNC	RH8	4P	5	75	16	27	7	5.5	8	6	●
ALNU3816B	3/8-16UNC	RH8	2P	5	75	16	27	7	5.5	8	6	●
ALNU71614P	7/16-14UNC	RH8	4P	5	80	20	20	8	6	9	6	●
ALNU71614B	7/16-14UNC	RH8	2P	5	80	20	20	8	6	9	6	●
ALNU1213P	1/2-13UNC	RH8	4P	5	85	21	27	9	7	10	6	●
ALNU1213B	1/2-13UNC	RH8	2P	5	85	21	27	9	7	10	6	●
ALNU91612P	9/16-12UNC	RH9	4P	5	90	21	29	10.5	8	11	6	●
ALNU91612B	9/16-12UNC	RH9	2P	5	90	21	29	10.5	8	11	6	●
ALNU5811P	5/8-11UNC	RH10	4P	5	95	23	25	12	9	12	6	●
ALNU5811B	5/8-11UNC	RH10	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-S-CPS FORMING TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

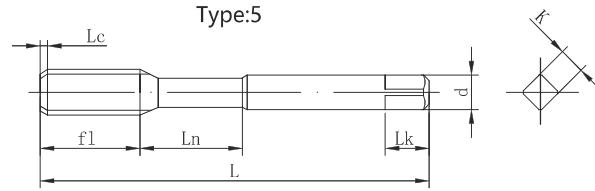
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALN010020P	M1×0.2	RH4	4P	1	32	3	—	3	2.5	3	—	●
ALN010020B	M1×0.2	RH4	2P	2	31	3	—	3	2.5	3	—	●
ALN012020P	M1.2×0.2	RH4	4P	1	32	3	—	3	2.5	3	—	●
ALN012020B	M1.2×0.2	RH4	2P	2	31	3	—	3	2.5	3	—	●
ALN014020P	M1.4×0.2	RH4	4P	1	37	3	—	3	2.5	3	—	●
ALN014020B	M1.4×0.2	RH4	2P	2	36	3	—	3	2.5	3	—	●
ALN016020P	M1.6×0.2	RH4	4P	1	37	3	—	3	2.5	3	—	●
ALN016020B	M1.6×0.2	RH4	2P	2	36	3	—	3	2.5	3	—	●
ALN020025P	M2×0.25	RH4	4P	1	45	4	—	3	2.5	3	—	●
ALN020025B	M2×0.25	RH4	2P	2	43.5	4	—	3	2.5	3	—	●
ALN030035P	M3×0.35	RH4	4P	3	50	6	8	4	3.2	6	—	●
ALN030035B	M3×0.35	RH4	2P	4	48	6	8	4	3.2	6	—	●
ALN040050P	M4×0.5	RH7	4P	3	57	8	8	5	4	7	—	●
ALN040050B	M4×0.5	RH7	2P	4	55	8	8	5	4	7	—	●
ALN050050P	M5×0.5	RH7	4P	3	66	8	8	5.5	4.5	7	—	●
ALN050050B	M5×0.5	RH7	2P	4	64	8	8	5.5	4.5	7	—	●
ALN060050P	M6×0.5	RH7	4P	3	69	12	12	6	4.5	7	2	●
ALN060050B	M6×0.5	RH7	2P	4	66	12	12	6	4.5	7	2	●
ALN060075P	M6×0.75	RH7	4P	3	69	12	12	6	4.5	7	2	●
ALN060075B	M6×0.75	RH7	2P	4	66	12	12	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-S-CPS FORMING TAPS WITH FINE



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

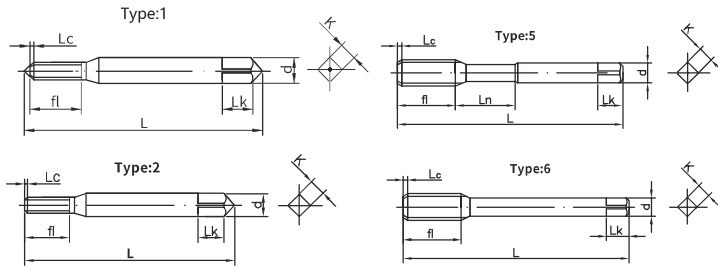
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALN080100P	M8×1	RH7	4P	5	70	13	23	6.2	5	8	3	●
ALN080100B	M8×1	RH7	2P	5	70	13	23	6.2	5	8	3	●
ALN080075P	M8×0.75	RH7	4P	5	70	13	23	6.2	5	8	3	●
ALN080075B	M8×0.75	RH7	2P	5	70	13	23	6.2	5	8	3	●
ALN100125P	M10×1.25	RH7	4P	5	75	13	30	7	5.5	8	6	●
ALN100125B	M10×1.25	RH7	2P	5	75	13	30	7	5.5	8	6	●
ALN100100P	M10×1	RH7	4P	5	75	13	30	7	5.5	8	6	●
ALN100100B	M10×1	RH7	2P	5	75	13	30	7	5.5	8	6	●
ALN100075P	M10×0.75	RH7	4P	5	75	13	30	7	5.5	8	6	●
ALN100075B	M10×0.75	RH7	2P	5	75	13	30	7	5.5	8	6	●
ALN120150P	M12×1.5	RH8	4P	5	82	17	25	8.5	6.5	9	6	●
ALN120150B	M12×1.5	RH8	2P	5	82	17	25	8.5	6.5	9	6	●
ALN120125P	M12×1.25	RH7	4P	5	82	13	29	8.5	6.5	9	6	●
ALN120125B	M12×1.25	RH7	2P	5	82	13	29	8.5	6.5	9	6	●
ALN120100P	M12×1	RH7	4P	5	82	13	29	8.5	6.5	9	6	●
ALN120100B	M12×1	RH7	2P	5	82	13	29	8.5	6.5	9	6	●
ALN140150P	M14×1.5	RH8	4P	5	88	20	31	10.5	8	11	6	●
ALN140150B	M14×1.5	RH8	2P	5	88	20	31	10.5	8	11	6	●
ALN140125P	M14×1.25	RH7	4P	5	88	20	31	10.5	8	11	6	●
ALN140125B	M14×1.25	RH7	2P	5	88	20	31	10.5	8	11	6	●
ALN140100P	M14×1	RH7	4P	5	88	20	31	10.5	8	11	6	●
ALN140100B	M14×1	RH7	2P	5	88	20	31	10.5	8	11	6	●
ALN160150P	M16×1.5	RH8	4P	5	95	20	32	12.5	10	13	6	●
ALN160150B	M16×1.5	RH8	2P	5	95	20	32	12.5	10	13	6	●
ALN160125P	M16×1.25	RH7	4P	5	95	20	32	12.5	10	13	6	●
ALN160125B	M16×1.25	RH7	2P	5	95	20	32	12.5	10	13	6	●
ALN160100P	M16×1	RH7	4P	5	95	20	32	12.5	10	13	6	●
ALN160100B	M16×1	RH7	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-S-CPS FORMING TAPS WITH FINE



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

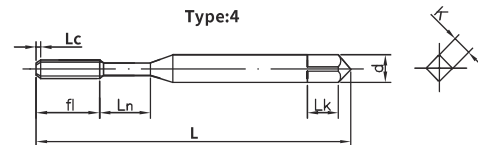
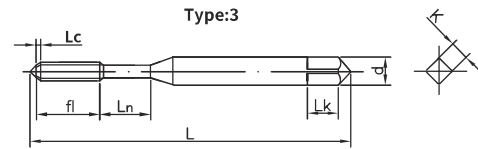
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALNU080P	NO.0-80UNF	RH4	4P	1	37	6.5	—	3	2.5	3	—	●
ALNU080B	NO.0-80UNF	RH4	2P	2	35.5	6.5	—	3	2.5	3	—	●
ALNU172P	NO.1-72UNF	RH4	4P	1	37	9	—	3	2.5	3	—	●
ALNU172B	NO.1-72UNF	RH4	2P	2	35.5	9	—	3	2.5	3	—	●
ALNU1032P	NO.10-32UNF	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
ALNU1032B	NO.10-32UNF	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
ALNU1228P	NO.12-28UNF	RH7	4P	1	66	23	—	5.5	4.5	7	—	●
ALNU1228B	NO.12-28UNF	RH7	2P	2	63.5	23	—	5.5	4.5	7	—	●
ALNU1428P	1/4-28UNF	RH7	4P	6	62	27	—	6	4.5	7	2	●
ALNU1428B	1/4-28UNF	RH7	2P	6	62	27	—	6	4.5	7	2	●
ALNU51624P	5/16-24UNF	RH7	4P	5	70	11	19	6.1	5	8	3	●
ALNU51624B	5/16-24UNF	RH7	2P	5	70	11	19	6.1	5	8	3	●
ALNU3824P	3/8-24UNF	RH7	4P	5	75	11	32	7	5.5	8	6	●
ALNU3824B	3/8-24UNF	RH7	2P	5	75	11	32	7	5.5	8	6	●
ALNU71620P	7/16-20UNF	RH7	4P	5	80	13	27	8	6	9	6	●
ALNU71620B	7/16-20UNF	RH7	2P	5	80	13	27	8	6	9	6	●
ALNU1220P	1/2-20UNF	RH7	4P	5	85	13	35	9	7	10	6	●
ALNU1220B	1/2-20UNF	RH7	2P	5	85	13	35	9	7	10	6	●
ALNU91618P	9/16-18UNF	RH8	4P	5	90	15	35	10.5	8	11	6	●
ALNU91618B	9/16-18UNF	RH8	2P	5	90	15	35	10.5	8	11	6	●
ALNU5818P	5/8-18UNF	RH8	4P	5	95	23	25	12	9	12	6	●
ALNU5818B	5/8-18UNF	RH8	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

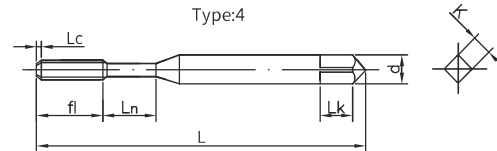
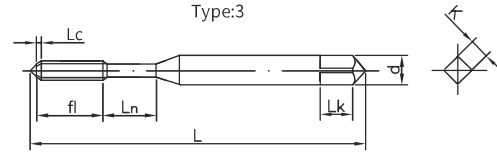
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALNB0204P	M2×0.4	RH5	4P	3	45	7	6	3	2.5	3	—	●
ALNB0204B	M2×0.4	RH5	2P	4	43.5	7	6	3	2.5	3	—	●
ALNB025045P	M2.5×0.45	RH5	4P	3	45	8	7	3	2.5	3	—	●
ALNB025045B	M2.5×0.45	RH5	2P	4	43.5	8	7	3	2.5	3	—	●
ALNB0305P	M3×0.5	RH7	4P	3	50	10	8	4	3.2	6	—	●
ALNB0305B	M3×0.5	RH7	2P	4	48	10	8	4	3.2	6	—	●
ALNB03506P	M3.5×0.6	RH7	4P	3	50	10	8	4	3.2	6	—	●
ALNB03506B	M3.5×0.6	RH7	2P	4	48	10	8	4	3.2	6	—	●
ALNB0407P	M4×0.7	RH7	4P	3	57	11	9	5	4	7	—	●
ALNB0407B	M4×0.7	RH7	2P	4	55	11	9	5	4	7	—	●
ALNB045075P	M4.5×0.75	RH7	4P	3	57	11	9	5	4	7	—	●
ALNB045075B	M4.5×0.75	RH7	2P	4	55	11	9	5	4	7	—	●
ALNB0508P	M5×0.8	RH7	4P	3	66	12	10	5.5	4.5	7	—	●
ALNB0508B	M5×0.8	RH7	2P	4	63.5	12	10	5.5	4.5	7	—	●
ALNB0610P	M6×1	RH7	4P	3	69	12	12	6	4.5	7	2	●
ALNB0610B	M6×1	RH7	2P	4	66	12	12	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-B-CPS FORMING TAPS WITH LONG NECK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

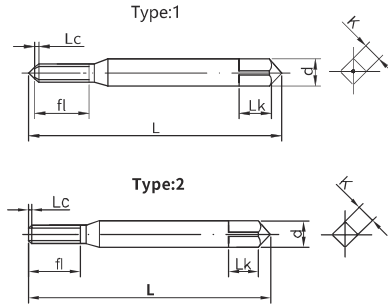
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALNUB440P	NO.4-40UNC	RH4	4P	3	45	9	7	3	2.5	3	—	●
ALNUB440B	NO.4-40UNC	RH4	2P	4	43.5	9	7	3	2.5	3	—	●
ALNUB540P	NO.5-40UNC	RH4	4P	3	50	10	8	4	3.2	6	—	●
ALNUB540B	NO.5-40UNC	RH4	2P	4	48	10	8	4	3.2	6	—	●
ALNUB632P	NO.6-32UNC	RH7	4P	3	50	10	8	4	3.2	6	—	●
ALNUB632B	NO.6-32UNC	RH7	2P	4	48	10	8	4	3.2	6	—	●
ALNUB832P	NO.8-32UNC	RH7	4P	3	57	11	9	5	4	7	—	●
ALNUB832B	NO.8-32UNC	RH7	2P	4	55	11	9	5	4	7	—	●
ALNUB1024P	NO.10-24UNC	RH7	4P	3	66	12	10	5.5	4.5	7	—	●
ALNUB1024B	NO.10-24UNC	RH7	2P	4	63.5	12	10	5.5	4.5	7	—	●
ALNUB1224P	NO.12-24UNC	RH7	4P	3	66	12	12	5.5	4.5	7	—	●
ALNUB1224B	NO.12-24UNC	RH7	2P	4	63.5	12	12	5.5	4.5	7	—	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ TB-L50 multilayer coating, no easy to stick chips. Left-hand thread, suitable for left-hand threading
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

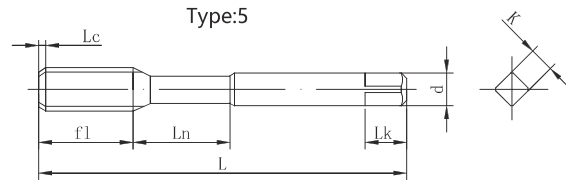
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALH01025P	M1×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	●
ALH01025B	M1×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	●
ALH012025P	M1.2×0.25	RH4	4P	1	32	4.5	—	3	2.5	3	—	●
ALH012025B	M1.2×0.25	RH4	2P	2	31	3.5	—	3	2.5	3	—	●
ALH014030P	M1.4×0.3	RH4	4P	1	37	6.5	—	3	2.5	3	—	●
ALH014030B	M1.4×0.3	RH4	2P	2	36	6.5	—	3	2.5	3	—	●
ALH016035P	M1.6×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
ALH016035B	M1.6×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
ALH017035P	M1.7×0.35	RH4	4P	1	37	8	—	3	2.5	3	—	●
ALH017035B	M1.7×0.35	RH4	2P	2	35.5	8	—	3	2.5	3	—	●
ALH02040P	M2×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
ALH02040B	M2×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
ALH02304P	M2.3×0.4	RH5	4P	1	45	10	—	3	2.5	3	—	●
ALH02304B	M2.3×0.4	RH5	2P	2	43.5	10	—	3	2.5	3	—	●
ALH025045P	M2.5×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
ALH025045B	M2.5×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
ALH026045P	M2.6×0.45	RH5	4P	1	45	13	—	3	2.5	3	—	●
ALH026045B	M2.6×0.45	RH5	2P	2	43.5	13	—	3	2.5	3	—	●
ALH03050P	M3×0.5	RH7	4P	1	50	16	—	4	3.2	6	—	●
ALH03050B	M3×0.5	RH7	2P	2	48	16	—	4	3.2	6	—	●
ALH03506P	M3.5×0.6	RH7	4P	1	50	16	—	4	3.2	6	—	●
ALH03506B	M3.5×0.6	RH7	2P	2	48	16	—	4	3.2	6	—	●
ALH04070P	M4×0.7	RH7	4P	1	57	18	—	5	4	7	—	●
ALH04070B	M4×0.7	RH7	2P	2	55	18	—	5	4	7	—	●
ALH05080P	M5×0.8	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
ALH05080B	M5×0.8	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
ALH06100P	M6×1	RH7	4P	1	69	27	—	6	4.5	7	2	●
ALH06100B	M6×1	RH7	2P	2	66.5	27	—	6	4.5	7	2	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ TB-L50 multilayer coating, no easy to stick chips. Left-hand thread, suitable for left-hand threading
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

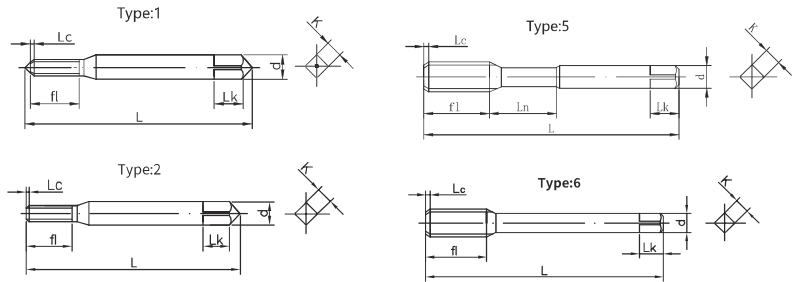
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALH07100P	M7×1	RH7	4P	5	70	13	10	6.2	5	8	2	●
ALH07100B	M7×1	RH7	2P	5	70	13	10	6.2	5	8	2	●
ALH08125P	M8×1.25	RH7	4P	5	70	13	23	6.2	5	8	3	●
ALH08125B	M8×1.25	RH7	2P	5	70	13	23	6.2	5	8	3	●
ALH10150P	M10×1.5	RH8	4P	5	75	15	28	7	5.5	8	6	●
ALH10150B	M10×1.5	RH8	2P	5	75	15	28	7	5.5	8	6	●
ALH12175P	M12×1.75	RH9	4P	5	82	17	25	8.5	6.5	9	6	●
ALH12175B	M12×1.75	RH9	2P	5	82	17	25	8.5	6.5	9	6	●
ALH14200P	M14×2	RH10	4P	5	88	20	31	10.5	8	11	6	●
ALH14200B	M14×2	RH10	2P	5	88	20	31	10.5	8	11	6	●
ALH16200P	M16×2	RH10	4P	5	95	20	32	12.5	10	13	6	●
ALH16200B	M16×2	RH10	2P	5	95	20	32	12.5	10	13	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-LH-CPS FORMING TAPS WITH LH THREAD



- ◎ High-speed steel material;
- ◎ TB-L50 multilayer coating, no easy to stick chips. Left-hand thread, suitable for left-hand threading
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

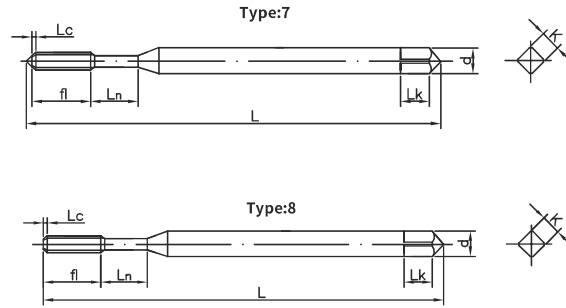
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
AULH164P	NO.1-64UNC	RH4	4P	1	37	9	—	3	2.5	3	—	●
AULH164B	NO.1-64UNC	RH4	2P	2	35.5	9	—	3	2.5	3	—	●
AULH256P	NO.2-56UNC	RH4	4P	1	45	12	—	3	2.5	3	—	●
AULH256B	NO.2-56UNC	RH4	2P	2	43.5	12	—	3	2.5	3	—	●
AULH348P	NO.3-48UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
AULH348B	NO.3-48UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
AULH440P	NO.4-40UNC	RH4	4P	1	45	15	—	3	2.5	3	—	●
AULH440B	NO.4-40UNC	RH4	2P	2	43.5	15	—	3	2.5	3	—	●
AULH540P	NO.5-40UNC	RH4	4P	1	50	15	—	4	3.2	6	—	●
AULH540B	NO.5-40UNC	RH4	2P	2	48	15	—	4	3.2	6	—	●
AULH632P	NO.6-32UNC	RH7	4P	1	50	16	—	4	3.2	6	—	●
AULH632B	NO.6-32UNC	RH7	2P	2	48	16	—	4	3.2	6	—	●
AULH832P	NO.8-32UNC	RH7	4P	1	57	18	—	5	4	7	—	●
AULH832B	NO.8-32UNC	RH7	2P	2	54.5	18	—	5	4	7	—	●
AULH1024P	NO.10-24UNC	RH7	4P	1	66	20	—	5.5	4.5	7	—	●
AULH1024B	NO.10-24UNC	RH7	2P	2	63.5	20	—	5.5	4.5	7	—	●
AULH1224P	NO.12-24UNC	RH7	4P	1	66	23	—	5.5	4.5	7	—	●
AULH1224B	NO.12-24UNC	RH7	2P	2	63.5	23	—	5.5	4.5	7	—	●
AULH1420P	1/4-20UNC	RH7	4P	6	62	27	—	6	4.5	7	2	●
AULH1420B	1/4-20UNC	RH7	2P	6	62	27	—	6	4.5	7	2	●
AULH51618P	5/16-18UNC	RH8	4P	5	70	15	15	6.1	5	8	3	●
AULH51618B	5/16-18UNC	RH8	2P	5	70	15	15	6.1	5	8	3	●
AULH3816P	3/8-16UNC	RH8	4P	5	75	16	27	7	5.5	8	6	●
AULH3816B	3/8-16UNC	RH8	2P	5	75	16	27	7	5.5	8	6	●
AULH71614P	7/16-14UNC	RH8	4P	5	80	20	20	8	6	9	6	●
AULH71614B	7/16-14UNC	RH8	2P	5	80	20	20	8	6	9	6	●
AULH1213P	1/2-13UNC	RH8	4P	5	85	21	27	9	7	10	6	●
AULH1213B	1/2-13UNC	RH8	2P	5	85	21	27	9	7	10	6	●
AULH91612P	9/16-12UNC	RH9	4P	5	90	21	29	10.5	8	11	6	●
AULH91612B	9/16-12UNC	RH9	2P	5	90	21	29	10.5	8	11	6	●
AULH5811P	5/8-11UNC	RH10	4P	5	95	23	25	12	9	12	6	●
AULH5811B	5/8-11UNC	RH10	2P	5	95	23	25	12	9	12	6	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

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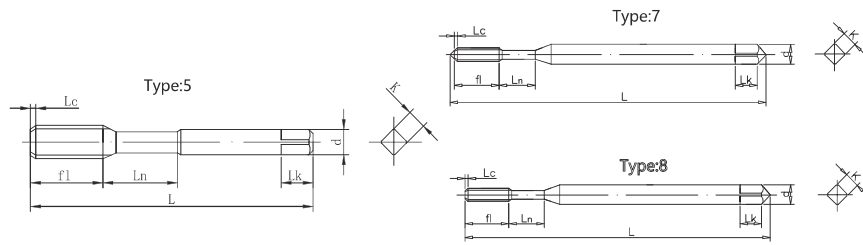
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALL020480P	M2×0.4	RH5	4P	7	80	7	6	3	2.5	5	—	○
ALL020480B	M2×0.4	RH5	2P	8	78	7	6	3	2.5	5	—	●
ALL0204100P	M2×0.4	RH5	4P	7	100	7	6	3	2.5	5	—	○
ALL0204100B	M2×0.4	RH5	2P	8	98	7	6	3	2.5	5	—	●
ALL0204120P	M2×0.4	RH5	4P	7	120	7	6	3	2.5	5	—	○
ALL0204120B	M2×0.4	RH5	2P	8	118	7	6	3	2.5	5	—	●
ALL02504580P	M2.5×0.45	RH5	4P	7	80	8	7	3	2.5	5	—	○
ALL02504580B	M2.5×0.45	RH5	2P	8	78	8	7	3	2.5	5	—	●
ALL025045100P	M2.5×0.45	RH5	4P	7	100	8	7	3	2.5	5	—	○
ALL025045100B	M2.5×0.45	RH5	2P	8	98	8	7	3	2.5	5	—	●
ALL025045120P	M2.5×0.45	RH5	4P	7	120	8	7	3	2.5	5	—	○
ALL025045120B	M2.5×0.45	RH5	2P	8	118	8	7	3	2.5	5	—	●
ALL030580P	M3×0.5	RH7	4P	7	80	10	8	4	3.2	6	—	○
ALL030580B	M3×0.5	RH7	2P	8	78	10	8	4	3.2	6	—	●
ALL0305100P	M3×0.5	RH7	4P	7	100	10	8	4	3.2	6	—	○
ALL0305100B	M3×0.5	RH7	2P	8	98	10	8	4	3.2	6	—	●
ALL0305120P	M3×0.5	RH7	4P	7	120	10	8	4	3.2	6	—	○
ALL0305120B	M3×0.5	RH7	2P	8	118	10	8	4	3.2	6	—	●
ALL0305150P	M3×0.5	RH7	4P	7	150	10	8	4	3.2	6	—	○
ALL0305150B	M3×0.5	RH7	2P	8	148	10	8	4	3.2	6	—	●
ALL0350680P	M3.5×0.6	RH7	4P	7	80	10	8	4	3.2	6	—	○
ALL0350680B	M3.5×0.6	RH7	2P	8	78	10	8	4	3.2	6	—	●
ALL03506100P	M3.5×0.6	RH7	4P	7	100	10	8	4	3.2	6	—	○
ALL03506100B	M3.5×0.6	RH7	2P	8	98	10	8	4	3.2	6	—	●
ALL03506120P	M3.5×0.6	RH7	4P	7	120	10	8	4	3.2	6	—	○
ALL03506120B	M3.5×0.6	RH7	2P	8	118	10	8	4	3.2	6	—	●
ALL03506150P	M3.5×0.6	RH7	4P	7	150	10	8	4	3.2	6	—	○
ALL03506150B	M3.5×0.6	RH7	2P	8	148	10	8	4	3.2	6	—	●
ALL040780P	M4×0.7	RH7	4P	7	80	11	9	5	4	7	—	○
ALL040780B	M4×0.7	RH7	2P	8	78	11	9	5	4	7	—	●
ALL0407100P	M4×0.7	RH7	4P	7	100	11	9	5	4	7	—	○
ALL0407100B	M4×0.7	RH7	2P	8	98	11	9	5	4	7	—	●
ALL0407120P	M4×0.7	RH7	4P	7	120	11	9	5	4	7	—	○
ALL0407120B	M4×0.7	RH7	2P	8	118	11	9	5	4	7	—	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

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Unit:mm

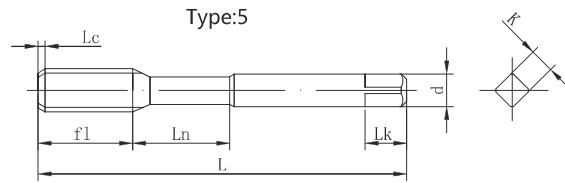


Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALL0407150P	M4×0.7	RH7	4P	7	150	11	9	5	4	7	—	○
ALL0407150B	M4×0.7	RH7	2P	8	148	11	9	5	4	7	—	●
ALL04507580P	M4.5×0.75	RH7	4P	7	80	11	9	5	4	7	—	○
ALL04507580B	M4.5×0.75	RH7	2P	8	78	11	9	5	4	7	—	●
ALL045075100P	M4.5×0.75	RH7	4P	7	100	11	9	5	4	7	—	○
ALL045075100B	M4.5×0.75	RH7	2P	8	98	11	9	5	4	7	—	●
ALL045075120P	M4.5×0.75	RH7	4P	7	120	11	9	5	4	7	—	○
ALL045075120B	M4.5×0.75	RH7	2P	8	118	11	9	5	4	7	—	●
ALL045075150P	M4.5×0.75	RH7	4P	7	150	11	9	5	4	7	—	○
ALL045075150B	M4.5×0.75	RH7	2P	8	148	11	9	5	4	7	—	●
ALLO50880P	M5×0.8	RH7	4P	7	80	12	10	5.5	4.5	7	—	○
ALLO50880B	M5×0.8	RH7	2P	8	78	12	10	5.5	4.5	7	—	●
ALLO508100P	M5×0.8	RH7	4P	7	100	12	10	5.5	4.5	7	—	○
ALLO508100B	M5×0.8	RH7	2P	8	98	12	10	5.5	4.5	7	—	●
ALLO508120P	M5×0.8	RH7	4P	7	120	12	10	5.5	4.5	7	—	○
ALLO508120B	M5×0.8	RH7	2P	8	118	12	10	5.5	4.5	7	—	●
ALLO508150P	M5×0.8	RH7	4P	7	150	12	10	5.5	4.5	7	—	○
ALLO508150B	M5×0.8	RH7	2P	8	148	12	10	5.5	4.5	7	—	●
ALL061080P	M6×1	RH7	4P	7	80	12	12	6	4.5	7	2	○
ALL061080B	M6×1	RH7	2P	8	78	12	12	6	4.5	7	2	●
ALL0610100P	M6×1	RH7	4P	7	100	12	12	6	4.5	7	2	○
ALL0610100B	M6×1	RH7	2P	8	98	12	12	6	4.5	7	2	●
ALL0610120P	M6×1	RH7	4P	7	120	12	12	6	4.5	7	2	○
ALL0610120B	M6×1	RH7	2P	8	118	12	12	6	4.5	7	2	●
ALL0610150P	M6×1	RH7	4P	7	150	12	12	6	4.5	7	2	○
ALL0610150B	M6×1	RH7	2P	8	148	12	12	6	4.5	7	2	●
ALL0710100B	M7×1	RH7	2P	5	100	13	10	6.2	5	8	2	●
ALL0710120B	M7×1	RH7	2P	5	120	13	10	6.2	5	8	2	●
ALL0710150B	M7×1	RH7	2P	5	150	13	10	6.2	5	8	2	○
ALL08125100B	M8×1.25	RH7	2P	5	100	13	23	6.2	5	8	3	●
ALL08125120B	M8×1.25	RH7	2P	5	120	13	23	6.2	5	8	3	●
ALL08125150B	M8×1.25	RH7	2P	5	150	13	23	6.2	5	8	3	○
ALL0810100B	M8×1	RH7	2P	5	100	13	23	6.2	5	8	3	●
ALL0810120B	M8×1	RH7	2P	5	120	13	23	6.2	5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

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Unit:mm

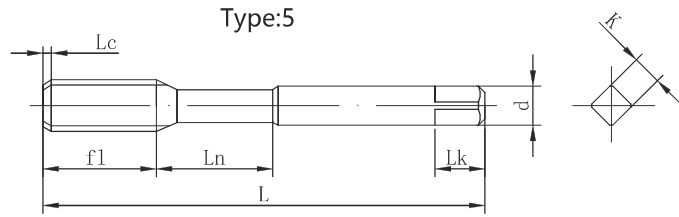
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALL0810150B	M8×1	RH7	2P	5	150	13	23	6.2	5	8	3	○
ALL1015100B	M10×1.5	RH8	2P	5	100	15	28	7	5.5	8	6	●
ALL1015120B	M10×1.5	RH8	2P	5	120	15	28	7	5.5	8	6	●
ALL1015150B	M10×1.5	RH8	2P	5	150	15	28	7	5.5	8	6	○
ALL10125100B	M10×1.25	RH7	2P	5	100	13	30	7	5.5	8	6	●
ALL10125120B	M10×1.25	RH7	2P	5	120	13	30	7	5.5	8	6	●
ALL10125150B	M10×1.25	RH7	2P	5	150	13	30	7	5.5	8	6	○
ALL1010100B	M10×1	RH7	2P	5	100	13	30	7	5.5	8	6	●
ALL1010120B	M10×1	RH7	2P	5	120	13	30	7	5.5	8	6	●
ALL1010150B	M10×1	RH7	2P	5	150	13	30	7	5.5	8	6	○
ALL12175100B	M12×1.75	RH9	2P	5	100	17	25	8.5	6.5	9	6	●
ALL12175120B	M12×1.75	RH9	2P	5	120	17	25	8.5	6.5	9	6	●
ALL12175150B	M12×1.75	RH9	2P	5	150	17	25	8.5	6.5	9	6	○
ALL1215100B	M12×1.5	RH8	2P	5	100	17	25	8.5	6.5	9	6	●
ALL1215120B	M12×1.5	RH8	2P	5	120	17	25	8.5	6.5	9	6	●
ALL1215150B	M12×1.5	RH8	2P	5	150	17	25	8.5	6.5	9	6	○
ALL12125100B	M12×1.25	RH7	2P	5	100	13	29	8.5	6.5	9	6	●
ALL12125120B	M12×1.25	RH7	2P	5	120	13	29	8.5	6.5	9	6	●
ALL12125150B	M12×1.25	RH7	2P	5	150	13	29	8.5	6.5	9	6	○
ALL1210100B	M12×1	RH7	2P	5	100	13	29	8.5	6.5	9	6	●
ALL1210120B	M12×1	RH7	2P	5	120	13	29	8.5	6.5	9	6	●
ALL1210150B	M12×1	RH7	2P	5	150	13	29	8.5	6.5	9	6	○
ALL1420120B	M14×2	RH10	2P	5	120	20	31	10.5	8	11	6	●
ALL1420150B	M14×2	RH10	2P	5	150	20	31	10.5	8	11	6	○
ALL1415120B	M14×1.5	RH8	2P	5	120	20	31	10.5	8	11	6	●
ALL1415150B	M14×1.5	RH8	2P	5	150	20	31	10.5	8	11	6	○
ALL14125120B	M14×1.25	RH7	2P	5	120	20	31	10.5	8	11	6	●
ALL14125150B	M14×1.25	RH7	2P	5	150	20	31	10.5	8	11	6	○
ALL1410120B	M14×1	RH7	2P	5	120	20	31	10.5	8	11	6	●
ALL1410150B	M14×1	RH7	2P	5	150	20	31	10.5	8	11	6	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

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Unit:mm

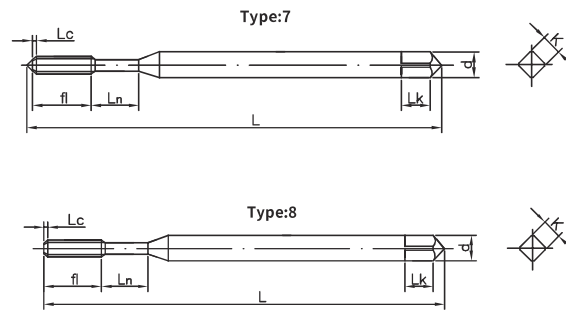
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALL1620120B	M16×2	RH10	2P	5	120	20	32	12.5	10	13	6	●
ALL1620150B	M16×2	RH10	2P	5	150	20	32	12.5	10	13	6	○
ALL1615120B	M16×1.5	RH8	2P	5	120	20	32	12.5	10	13	6	●
ALL1615150B	M16×1.5	RH8	2P	5	150	20	32	12.5	10	13	6	○
ALL16125120B	M16×1.25	RH7	2P	5	120	20	32	12.5	10	13	6	●
ALL16125150B	M16×1.25	RH7	2P	5	150	20	32	12.5	10	13	6	○
ALL1610120B	M16×1	RH7	2P	5	120	20	32	12.5	10	13	6	●
ALL1610150B	M16×1	RH7	2P	5	150	20	32	12.5	10	13	6	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

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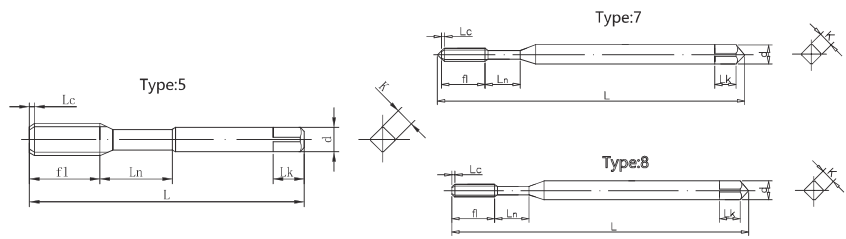
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALLU44080P	NO.4-40UNC	RH4	4P	7	80	9	7	3	2.5	5	—	○
ALLU44080B	NO.4-40UNC	RH4	2P	8	78	9	7	3	2.5	5	—	●
ALLU440100P	NO.4-40UNC	RH4	4P	7	100	9	7	3	2.5	5	—	○
ALLU440100B	NO.4-40UNC	RH4	2P	8	98	9	7	3	2.5	5	—	●
ALLU440120P	NO.4-40UNC	RH4	4P	7	120	9	7	3	2.5	5	—	○
ALLU440120B	NO.4-40UNC	RH4	2P	8	118	9	7	3	2.5	5	—	●
ALLU54080P	NO.5-40UNC	RH4	4P	7	80	10	8	4	3.2	6	—	○
ALLU54080B	NO.5-40UNC	RH4	2P	8	78	10	8	4	3.2	6	—	●
ALLU540100P	NO.5-40UNC	RH4	4P	7	100	10	8	4	3.2	6	—	○
ALLU540100B	NO.5-40UNC	RH4	2P	8	98	10	8	4	3.2	6	—	●
ALLU540120P	NO.5-40UNC	RH4	4P	7	120	10	8	4	3.2	6	—	○
ALLU540120B	NO.5-40UNC	RH4	2P	8	118	10	8	4	3.2	6	—	●
ALLU63280P	NO.6-32UNC	RH7	4P	7	80	10	8	4	3.2	6	—	○
ALLU63280B	NO.6-32UNC	RH7	2P	8	78	10	8	4	3.2	6	—	●
ALLU632100P	NO.6-32UNC	RH7	4P	7	100	10	8	4	3.2	6	—	○
ALLU632100B	NO.6-32UNC	RH7	2P	8	98	10	8	4	3.2	6	—	●
ALLU632120P	NO.6-32UNC	RH7	4P	7	120	10	8	4	3.2	6	—	○
ALLU632120B	NO.6-32UNC	RH7	2P	8	118	10	8	4	3.2	6	—	●
ALLU632150P	NO.6-32UNC	RH7	4P	7	150	10	8	4	3.2	6	—	○
ALLU632150B	NO.6-32UNC	RH7	2P	8	148	10	8	4	3.2	6	—	●
ALLU83280P	NO.8-32UNC	RH7	4P	7	80	11	9	5	4	7	—	○
ALLU83280B	NO.8-32UNC	RH7	2P	8	78	11	9	5	4	7	—	●
ALLU832100P	NO.8-32UNC	RH7	4P	7	100	11	9	5	4	7	—	○
ALLU832100B	NO.8-32UNC	RH7	2P	8	98	11	9	5	4	7	—	●
ALLU832120P	NO.8-32UNC	RH7	4P	7	120	11	9	5	4	7	—	○
ALLU832120B	NO.8-32UNC	RH7	2P	8	118	11	9	5	4	7	—	●
ALLU832150P	NO.8-32UNC	RH7	4P	7	150	11	9	5	4	7	—	○
ALLU832150B	NO.8-32UNC	RH7	2P	8	148	11	9	5	4	7	—	●
ALLU102480P	NO.10-24UNC	RH7	4P	7	80	12	10	5.5	4.5	7	—	○
ALLU102480B	NO.10-24UNC	RH7	2P	8	78	12	10	5.5	4.5	7	—	●
ALLU1024100P	NO.10-24UNC	RH7	4P	7	100	12	10	5.5	4.5	7	—	○
ALLU1024100B	NO.10-24UNC	RH7	2P	8	98	12	10	5.5	4.5	7	—	●
ALLU1024120P	NO.10-24UNC	RH7	4P	7	120	12	10	5.5	4.5	7	—	○
ALLU1024120B	NO.10-24UNC	RH7	2P	8	118	12	10	5.5	4.5	7	—	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

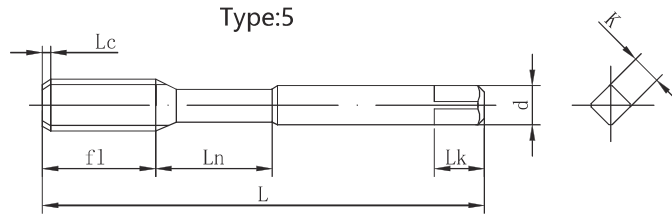
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALLU1024150P	NO.10-24UNC	RH7	4P	7	150	12	10	5.5	4.5	7	—	○
ALLU1024150B	NO.10-24UNC	RH7	2P	8	148	12	10	5.5	4.5	7	—	●
ALLU122480P	NO.12-24UNC	RH7	4P	7	80	12	12	5.5	4.5	7	—	○
ALLU122480B	NO.12-24UNC	RH7	2P	8	78	12	12	5.5	4.5	7	—	●
ALLU1224100P	NO.12-24UNC	RH7	4P	7	100	12	12	5.5	4.5	7	—	○
ALLU1224100B	NO.12-24UNC	RH7	2P	8	98	12	12	5.5	4.5	7	—	●
ALLU1224120P	NO.12-24UNC	RH7	4P	7	120	12	12	5.5	4.5	7	—	○
ALLU1224120B	NO.12-24UNC	RH7	2P	8	118	12	12	5.5	4.5	7	—	●
ALLU1224150P	NO.12-24UNC	RH7	4P	7	150	12	12	5.5	4.5	7	—	○
ALLU1224150B	NO.12-24UNC	RH7	2P	8	148	12	12	5.5	4.5	7	—	●
ALLU1420100B	1/4-20UNC	RH7	2P	5	100	12	12	6	4.5	7	2	●
ALLU1420120B	1/4-20UNC	RH7	2P	5	120	12	12	6	4.5	7	2	●
ALLU1420150B	1/4-20UNC	RH7	2P	5	150	12	12	6	4.5	7	2	○
ALLU1428100B	1/4-28UNF	RH7	2P	5	100	12	12	6	4.5	7	2	●
ALLU1428120B	1/4-28UNF	RH7	2P	5	120	12	12	6	4.5	7	2	●
ALLU1428150B	1/4-28UNF	RH7	2P	5	150	12	12	6	4.5	7	2	○
ALLU51618100B	5/16-18UNC	RH8	2P	5	100	15	15	6.1	5	8	3	●
ALLU51618120B	5/16-18UNC	RH8	2P	5	120	15	15	6.1	5	8	3	●
ALLU51618150B	5/16-18UNC	RH8	2P	5	150	15	15	6.1	5	8	3	○
ALLU51624100B	5/16-24UNF	RH7	2P	5	100	11	19	6.1	5	8	3	●
ALLU51624120B	5/16-24UNF	RH7	2P	5	120	11	19	6.1	5	8	3	●
ALLU51624150B	5/16-24UNF	RH7	2P	5	150	11	19	6.1	5	8	3	○
ALLU3816100B	3/8-16UNC	RH8	2P	5	100	16	27	7	5.5	8	6	●
ALLU3816120B	3/8-16UNC	RH8	2P	5	120	16	27	7	5.5	8	6	●
ALLU3816150B	3/8-16UNC	RH8	2P	5	150	16	27	7	5.5	8	6	○
ALLU3824100B	3/8-24UNF	RH7	2P	5	100	11	32	7	5.5	8	6	●
ALLU3824120B	3/8-24UNF	RH7	2P	5	120	11	32	7	5.5	8	6	●
ALLU3824150B	3/8-24UNF	RH7	2P	5	150	11	32	7	5.5	8	6	○
ALLU71614100B	7/16-14UNC	RH8	2P	5	100	20	20	8	6	9	6	●
ALLU71614120B	7/16-14UNC	RH8	2P	5	120	20	20	8	6	9	6	●
ALLU71614150B	7/16-14UNC	RH8	2P	5	150	20	20	8	6	9	6	○
ALLU71620100B	7/16-20UNF	RH7	2P	5	100	13	27	8	6	9	6	●
ALLU71620120B	7/16-20UNF	RH7	2P	5	120	13	27	8	6	9	6	●
ALLU71620150B	7/16-20UNF	RH7	2P	5	150	13	27	8	6	9	6	○
ALLU1213100B	1/2-13UNC	RH8	2P	5	100	21	27	9	7	10	6	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## GX08-L-CPS FORMING TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.



Unit:mm

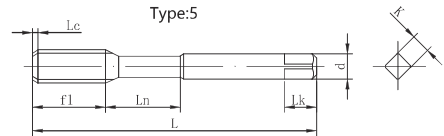
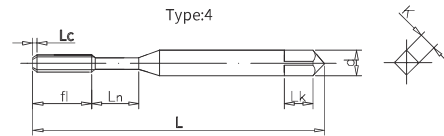
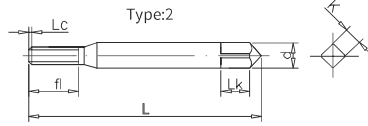
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALLU1213120B	1/2-13UNC	RH8	2P	5	120	21	27	9	7	10	6	●
ALLU1213150B	1/2-13UNC	RH8	2P	5	150	21	27	9	7	10	6	○
ALLU1220100B	1/2-20UNF	RH7	2P	5	100	13	35	9	7	10	6	●
ALLU1220120B	1/2-20UNF	RH7	2P	5	120	13	35	9	7	10	6	●
ALLU1220150B	1/2-20UNF	RH7	2P	5	150	13	35	9	7	10	6	○
ALLU91612120B	9/16-12UNC	RH9	2P	5	120	21	29	10.5	8	11	6	●
ALLU91612150B	9/16-12UNC	RH9	2P	5	150	21	29	10.5	8	11	6	●
ALLU91618120B	9/16-18UNF	RH8	2P	5	120	15	35	10.5	8	11	6	○
ALLU91618150B	9/16-18UNF	RH8	2P	5	150	15	35	10.5	8	11	6	●
ALLU5811120B	5/8-11UNC	RH10	2P	5	120	23	25	12	9	12	6	●
ALLU5811150B	5/8-11UNC	RH10	2P	5	150	23	25	12	9	12	6	○
ALLU5818120B	5/8-18UNF	RH8	2P	5	120	23	25	12	9	12	6	●
ALLU5818150B	5/8-18UNF	RH8	2P	5	150	23	25	12	9	12	6	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## ALIS-CPS -ST FORMING TAPS



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

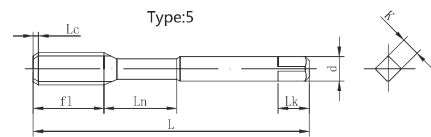
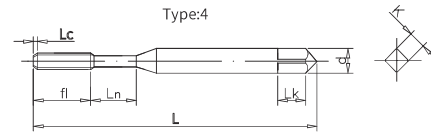
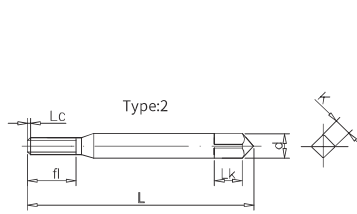
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALST02040B	ST2×0.4	RH3	2P	2	43.5	13	-	3	2.5	3	-	●
ALST025045B	ST2.5×0.45	RH3	2P	2	48	15	-	4	3.2	6	-	●
ALST03050B	ST3×0.5	RH4	2P	2	48	16	-	4	3.2	6	-	●
ALST04070B	ST4×0.7	RH4	2P	4	63.5	12	10	5.5	4.5	7	-	●
ALST05080B	ST5×0.8	RH4	2P	4	63.5	12	12	6	4.5	7	2	●
ALST06100B	ST6×1	RH5	2P	5	70	15	22	6.2	5	8	3	●
ALST08100B	ST8×1	RH5	2P	5	75	14	29	7	5.5	8	6	●
ALST08125B	ST8×1.25	RH5	2P	5	75	13	30	7	5.5	8	6	●
ALST10100B	ST10×1	RH5	2P	5	82	14	28	8.5	6.5	9	6	●
ALST10125B	ST10×1.25	RH5	2P	5	82	13	29	8.5	6.5	9	6	●
ALST10150B	ST10×1.5	RH5	2P	5	82	17	25	8.5	6.5	9	6	●
ALST12100B	ST12×1	RH5	2P	5	88	21	30	10.5	8	11	6	●
ALST12125B	ST12×1.25	RH5	2P	5	88	20	31	10.5	8	11	6	●
ALST12150B	ST12×1.5	RH5	2P	5	88	20	31	10.5	8	11	6	●
ALST12175B	ST12×1.75	RH6	2P	5	88	20	31	10.5	8	11	6	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## ALIS-CPS FORMING TAPS



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, excellent wear resistance, no easy to stick chips.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

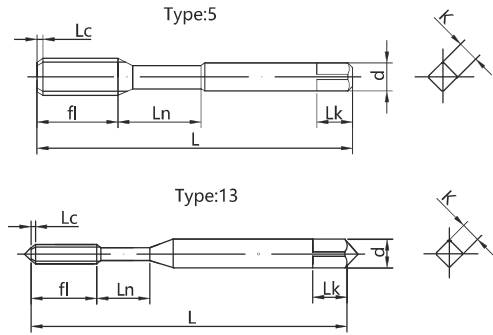
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALUST256B	STNO.2-56UNC	RH3	2P	2	43.5	13	—	3	2.5	3	—	○
ALUST440B	STNO.4-40UNC	RH3	2P	2	48	15	—	4	3.2	6	—	○
ALUST632B	STNO.6-32UNC	RH4	2P	2	55	18	—	5	4	7	—	○
ALUST832B	STNO.8-32UNC	RH4	2P	2	63.5	18	—	5.5	4.5	7	—	○
ALUST1032B	STNO.10-32UNF	RH4	2P	4	66	12	12	6	4.5	7	2	○
ALUST1024B	STNO.10-24UNC	RH4	2P	4	66	12	12	6	4.5	7	2	○
ALUST1224B	STNO.12-24UNC	RH4	2P	5	70	13	10	6.2	5	8	2	○
ALUST1420B	ST1/4-20UNC	RH5	2P	5	70	15	15	6.1	5	8	3	○
ALUST1428B	ST1/4-28UNF	RH5	2P	5	70	15	15	6.1	5	8	3	○
ALUST51618B	ST5/16-18UNC	RH5	2P	5	75	15	28	7	5.5	8	6	○
ALUST51624B	ST5/16-24UNF	RH5	2P	5	75	16	27	7	5.5	8	6	○
ALUST3816B	ST3/8-16UNC	RH5	2P	5	82	17	25	8.5	6.5	9	6	○
ALUST3824B	ST3/8-24UNF	RH5	2P	5	82	19	23	8.5	6.5	9	6	○
ALUST1213B	ST1/2-13UNC	RH6	2P	5	95	23	25	12	9	12	6	○
ALUST1220B	ST1/2-20UNF	RH6	2P	5	95	23	25	12	9	12	6	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## AL3I SPIRAL FLUTED TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

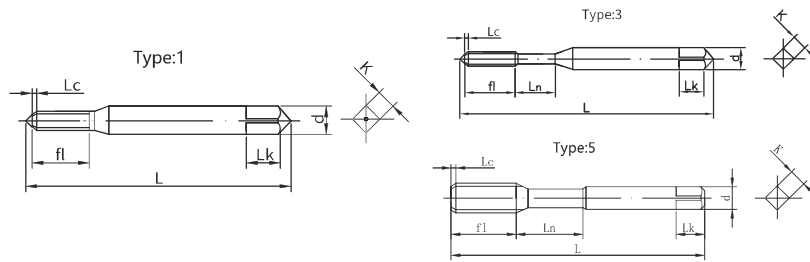
Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	Ln	d	k	Lk	
AL3IS04070	M4×0.7	6HX	2.5P	13	63	9	12	4.5	3.4	6	●
AL3IS05080	M5×0.8	6HX	2.5P	13	70	10	15	6	4.9	8	●
AL3IS06100	M6×1	6HX	2.5P	13	80	10	20	6	4.9	8	●
AL3IS07100	M7×1	6HX	2.5P	13	80	10	20	7	5.5	8	●
AL3IS08125	M8×1.25	6HX	2.5P	5	90	13	22	8	6.2	9	●
AL3IS08100	M8×1	6HX	2.5P	5	90	13	22	8	6.2	9	●
AL3IS10150	M10×1.5	6HX	2.5P	5	100	15	24	10	8	11	●
AL3IS10125	M10×1.25	6HX	2.5P	5	100	15	24	10	8	11	●
AL3IS10100	M10×1	6HX	2.5P	5	100	15	24	10	8	11	●
AL3IS12175	M12×1.75	6HX	2.5P	5	110	17	32	9	7	10	●
AL3IS12150	M12×1.5	6HX	2.5P	5	110	17	32	9	7	10	●
AL3IS12125	M12×1.25	6HX	2.5P	5	110	17	32	9	7	10	●
AL3IS12100	M12×1	6HX	2.5P	5	110	17	32	9	7	10	●
AL3IS14200	M14×2	6HX	2.5P	5	110	20	33	11	9	12	●
AL3IS14150	M14×1.5	6HX	2.5P	5	110	20	33	11	9	12	●
AL3IS14125	M14×1.25	6HX	2.5P	5	110	20	33	11	9	12	●
AL3IS14100	M14×1	6HX	2.5P	5	110	20	33	11	9	12	●
AL3IS16200	M16×2	6HX	2.5P	5	110	20	34	12	9	12	●
AL3IS16150	M16×1.5	6HX	2.5P	5	110	20	34	12	9	12	●
AL3IS16125	M16×1.25	6HX	2.5P	5	110	20	34	12	9	12	●
AL3IS16100	M16×1	6HX	2.5P	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.



Unit:mm

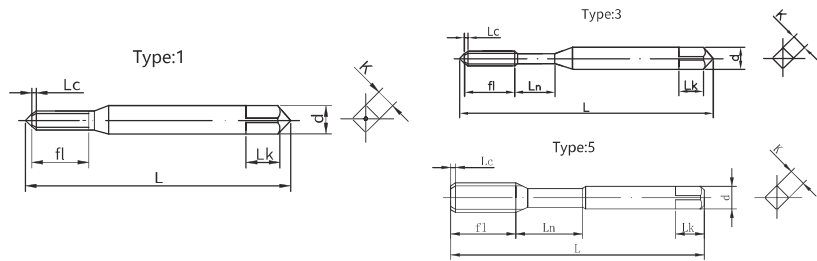
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALS010025	M1×0.25	P1	1.5P	1	37	4.5	—	3	2.5	3	2	●
ALS012025	M1.2×0.25	P1	1.5P	1	37	5.5	—	3	2.5	3	2	●
ALS014030	M1.4×0.3	P1	1.5P	1	37	6.5	—	3	2.5	3	2	●
ALS016035	M1.6×0.35	P2	1.5P	1	37	8	—	3	2.5	3	2	●
ALS020040	M2×0.4	P2	2.5P	1	45	11	—	3	2.5	3	2	●
ALS030050	M2.5×0.45	P2	2.5P	1	45	12	—	3	2.5	3	2	●
ALS030050	M3×0.5	P2	2.5P	3	50	5	13	4	3.2	6	3	●
ALS035060	M3.5×0.6	P2	2.5P	3	50	6	13	4	3.2	6	3	●
ALS040070	M4×0.7	P2	2.5P	3	57	9	11	5	4	7	3	●
ALS050080	M5×0.8	P2	2.5P	3	66	8	17	5.5	4.5	7	3	●
ALS060100	M6×1	P2	2.5P	3	69	12	12	6	4.5	7	3	●
ALS070100	M7×1	P3	2.5P	3	78	13	10	6.2	5	8	3	●
ALS080125	M8×1.25	P3	2.5P	5	70	13	23	6.2	5	8	3	●
ALS080100	M8×1	P3	2.5P	5	70	13	23	6.2	5	8	3	●
ALS100150	M10×1.5	P4	2.5P	5	75	15	28	7	5.5	8	3	●
ALS100125	M10×1.25	P3	2.5P	5	75	13	30	7	5.5	8	3	●
ALS100100	M10×1	P3	2.5P	5	75	13	30	7	5.5	8	3	●
ALS120175	M12×1.75	P4	2.5P	5	82	17	25	8.5	6.5	9	3	●
ALS120150	M12×1.5	P4	2.5P	5	82	17	25	8.5	6.5	9	3	●
ALS120125	M12×1.25	P4	2.5P	5	82	13	29	8.5	6.5	9	3	●
ALS120100	M12×1	P3	2.5P	5	82	13	29	8.5	6.5	9	3	●
ALS140200	M14×2	P5	2.5P	5	88	20	31	10.5	8	11	3	●
ALS140150	M14×1.5	P4	2.5P	5	88	20	31	10.5	8	11	3	●
ALS140125	M14×1.25	P4	2.5P	5	88	20	31	10.5	8	11	3	●
ALS140100	M14×1	P3	2.5P	5	88	20	31	10.5	8	11	3	●
ALS160200	M16×2	P5	2.5P	5	95	20	32	12.5	10	13	3	●
ALS160150	M16×1.5	P4	2.5P	5	95	20	32	12.5	10	13	3	●
ALS160125	M16×1.25	P4	2.5P	5	95	20	32	12.5	10	13	3	●
ALS160100	M16×1	P3	2.5P	5	95	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## STM75 SPIRAL FLUTED TAPS WITH HIGH SPIRAL



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC etc.

Unit:mm



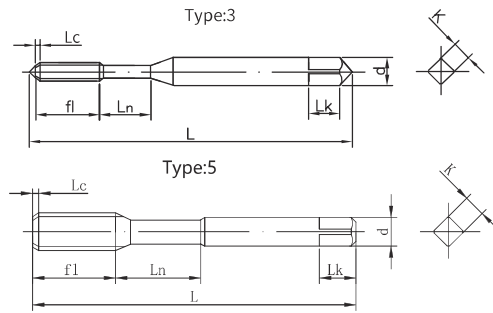
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALSU080	NO.0-80UNF	P1	1.5P	1	37	10	-	3	2.5	3	2	●
ALSU164	NO.1-64UNC	P1	1.5P	1	37	11	-	3	2.5	3	2	●
ALSU256	NO.2-56UNC	P1	2.5P	1	45	12	-	3	2.5	3	2	●
ALSU348	NO.3-48UNC	P1	2.5P	1	45	14	-	3	2.5	3	2	●
ALSU440	NO.4-40UNC	P2	2.5P	3	45	6	10	3	2.5	3	3	●
ALSU540	NO.5-40UNC	P2	2.5P	3	50	7	12	4	3.2	6	3	●
ALSU632	NO.6-32UNC	P2	2.5P	3	50	8	12	4	3.2	6	3	●
ALSU640	NO.8-32UNC	P2	2.5P	3	57	8	13.5	5	4	7	3	●
ALSU832	NO.10-24UNC	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
ALSU836	NO.10-32UNF	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
ALSU1024	NO.12-24UNC	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
ALSU1224	NO.12-28UNF	P2	2.5P	3	66	10	16	5.5	4.5	7	3	●
ALSU1420	1/4-20UNC	P2	2.5P	3	69	12	17	6	4.5	7	3	●
ALSU1228	1/4-28UNF	P2	2.5P	3	69	12	17	6	4.5	7	3	●
ALSU51618	5/16-18UNC	P3	2.5P	5	70	15	15	6.1	5	8	3	●
ALSU51624	5/16-24UNF	P3	2.5P	5	70	11	19	6.1	5	8	3	●
ALSU3816	3/8-16UNC	P3	2.5P	5	75	16	27	7	5.5	8	3	●
ALSU3824	3/8-24UNF	P3	2.5P	5	75	11	32	7	5.5	8	3	●
ALSU71614	7/16-14UNC	P4	2.5P	5	80	20	20	8	6	9	3	●
ALSU71620	7/16-20UNF	P3	2.5P	5	80	13	27	8	6	9	3	●
ALSU1213	1/2-13UNC	P4	2.5P	5	85	21	27	9	7	10	3	●
ALSU1220	1/2-20UNF	P3	2.5P	5	85	13	35	9	7	10	3	●
ALSU91612	9/16-12UNC	P4	2.5P	5	90	21	29	10.5	8	11	3	●
ALSU91618	9/16-18UNF	P3	2.5P	5	90	15	35	10.5	8	11	3	●
ALSU5811	5/8-11UNC	P4	2.5P	5	95	23	25	12	9	12	3	●
ALSU5818	5/8-18UNF	P3	2.5P	5	95	23	25	12	9	12	3	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## S-STM SPIRAL FLUTED TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

Unit:mm

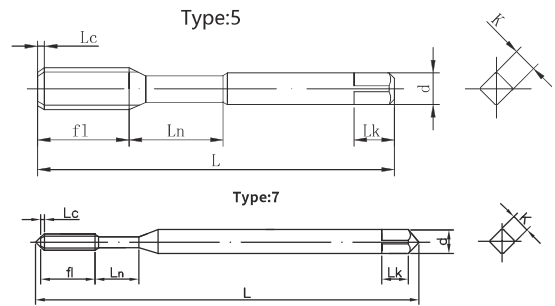
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALSN030035	M3×0.35	P2	2.5P	3	50	5	13	4	3.2	6	3	○
ALSN035035	M3.5×0.35	P2	2.5P	3	50	6	13	4	3.2	6	3	○
ALSN040050	M4×0.5	P2	2.5P	3	57	9	11	5	4	7	3	○
ALSN050050	M5×0.5	P2	2.5P	3	66	8	17	5.5	4.5	7	3	○
ALSN060050	M6×0.5	P2	2.5P	3	69	12	12	6	4.5	7	3	○
ALSN060075	M6×0.75	P2	2.5P	3	69	12	12	6	4.5	7	3	○
ALSN070075	M7×0.75	P3	2.5P	3	78	13	10	6.2	5	8	3	○
ALSN080075	M8×0.75	P3	2.5P	5	70	13	23	6.2	5	8	3	○
ALSN100075	M10×0.75	P3	2.5P	5	75	13	30	7	5.5	8	3	○
ALSNU640	NO.6-40UNF	P2	2.5P	3	50	8	12	4	3.2	6	3	○
ALSNU836	NO.8-36UNF	P2	2.5P	3	57	8	13.5	5	4	7	3	○

Tolerances under 6H/2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

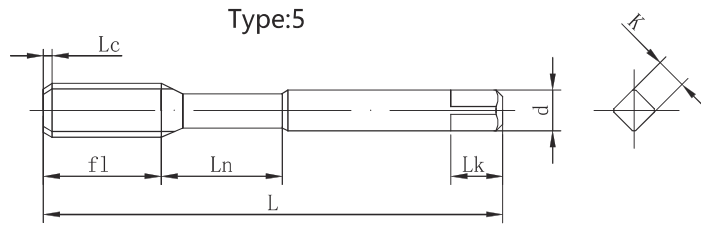
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALLS020480	M2×0.4	P2	2.5P	7	80	9	6	3	2.5	5	2	●
ALLS0204100	M2×0.4	P2	2.5P	7	100	9	6	3	2.5	5	2	●
ALLS02504580	M2.5×0.45	P2	2.5P	7	80	9	6	3	2.5	5	2	●
ALLS025045100	M2.5×0.45	P2	2.5P	7	100	9	6	3	2.5	5	2	●
ALLS030580	M3×0.5	P2	2.5P	7	80	12	7	4	3.2	6	3	●
ALLS0305100	M3×0.5	P2	2.5P	7	100	12	7	4	3.2	6	3	●
ALLS0305120	M3×0.5	P2	2.5P	7	120	12	7	4	3.2	6	3	●
ALLS0305150	M3×0.5	P2	2.5P	7	150	12	7	4	3.2	6	3	○
ALLS0350680	M3.5×0.6	P2	2.5P	7	80	13	7	4	3.2	6	3	●
ALLS03506100	M3.5×0.6	P2	2.5P	7	100	13	7	4	3.2	6	3	●
ALLS03506120	M3.5×0.6	P2	2.5P	7	120	13	7	4	3.2	6	3	●
ALLS03506150	M3.5×0.6	P2	2.5P	7	150	13	7	4	3.2	6	3	○
ALLS040780	M4×0.7	P2	2.5P	7	80	14	7	5	4	7	3	●
ALLS0407100	M4×0.7	P2	2.5P	7	100	14	7	5	4	7	3	●
ALLS0407120	M4×0.7	P2	2.5P	7	120	14	7	5	4	7	3	●
ALLS0407150	M4×0.7	P2	2.5P	7	150	14	7	5	4	7	3	○
ALLS050880	M5×0.8	P2	2.5P	7	80	16	9	5.5	4.5	7	3	●
ALLS0508100	M5×0.8	P2	2.5P	7	100	16	9	5.5	4.5	7	3	●
ALLS0508120	M5×0.8	P2	2.5P	7	120	16	9	5.5	4.5	7	3	●
ALLS0508150	M5×0.8	P2	2.5P	7	150	16	9	5.5	4.5	7	3	○
ALLS061080	M6×1	P2	2.5P	7	80	19.5	9.5	6	4.5	7	3	●
ALLS0610100	M6×1	P2	2.5P	7	100	19.5	9.5	6	4.5	7	3	●
ALLS0610120	M6×1	P2	2.5P	7	120	19.5	9.5	6	4.5	7	3	●
ALLS0610150	M6×1	P2	2.5P	7	150	19.5	9.5	6	4.5	7	3	●
ALLS0710100	M7X1	P3	2.5P	7	100	13	10	6.2	5	8	3	●
ALLS0710120	M7X1	P3	2.5P	7	120	13	10	6.2	5	8	3	●
ALLS0710150	M7X1	P3	2.5P	7	150	13	10	6.2	5	8	3	●
ALLS08125100	M8×1.25	P3	2.5P	5	100	22	15	6.2	5	8	3	●
ALLS08125120	M8×1.25	P3	2.5P	5	120	22	15	6.2	5	8	3	●
ALLS08125150	M8×1.25	P3	2.5P	5	150	22	15	6.2	5	8	3	○
ALLS0810100	M8×1	P3	2.5P	5	100	22	15	6.2	5	8	3	●
ALLS0810120	M8×1	P3	2.5P	5	120	22	15	6.2	5	8	3	●
ALLS0810150	M8×1	P3	2.5P	5	150	22	15	6.2	5	8	3	○
ALLS1015100	M10×1.5	P4	2.5P	5	100	24	19	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.



Unit:mm

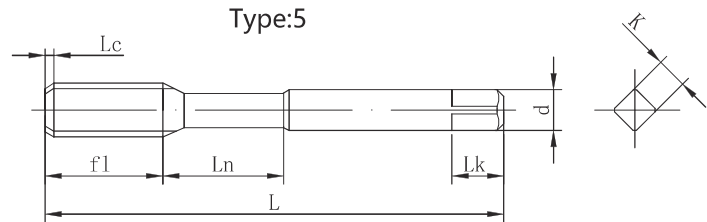
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALLS1015120	M10×1.5	P4	2.5P	5	120	24	19	7	5.5	8	3	●
ALLS1015150	M10×1.5	P4	2.5P	5	150	24	19	7	5.5	8	3	●
ALLS10125100	M10×1.25	P3	2.5P	5	100	24	19	7	5.5	8	3	●
ALLS10125120	M10×1.25	P3	2.5P	5	120	24	19	7	5.5	8	3	○
ALLS10125150	M10×1.25	P3	2.5P	5	150	24	19	7	5.5	8	3	○
ALLS1010100	M10×1	P3	2.5P	5	100	24	19	7	5.5	8	3	●
ALLS1010120	M10×1	P3	2.5P	5	120	24	19	7	5.5	8	3	○
ALLS1010150	M10×1	P3	2.5P	5	150	24	19	7	5.5	8	3	○
ALLS12175100	M12×1.75	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
ALLS12175120	M12×1.75	P4	2.5P	5	120	29	17	8.5	6.5	9	3	●
ALLS12175150	M12×1.75	P4	2.5P	5	150	29	17	8.5	6.5	9	3	●
ALLS1215100	M12×1.5	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
ALLS1215120	M12×1.5	P4	2.5P	5	120	29	17	8.5	6.5	9	3	○
ALLS1215150	M12×1.5	P4	2.5P	5	150	29	17	8.5	6.5	9	3	○
ALLS12125100	M12X1.25	P4	2.5P	5	100	29	17	8.5	6.5	9	3	●
ALLS12125120	M12X1.25	P4	2.5P	5	120	29	17	8.5	6.5	9	3	○
ALLS12125150	M12X1.25	P4	2.5P	5	150	29	17	8.5	6.5	9	3	○
ALLS1210100	M12×1	P3	2.5P	5	100	29	17	8.5	6.5	9	3	●
ALLS1210120	M12×1	P3	2.5P	5	120	29	17	8.5	6.5	9	3	○
ALLS1210150	M12×1	P3	2.5P	5	150	29	17	8.5	6.5	9	3	○
ALLS1420120	M14×2	P5	2.5P	5	120	20	31	10.5	8	11	3	●
ALLS1420150	M14×2	P5	2.5P	5	150	20	31	10.5	8	11	3	○
ALLS1415120	M14×1.5	P4	2.5P	5	120	20	31	10.5	8	11	3	●
ALLS1415150	M14×1.5	P4	2.5P	5	150	20	31	10.5	8	11	3	○
ALLS14125120	M14×1.25	P4	2.5P	5	120	20	31	10.5	8	11	3	○
ALLS14125150	M14×1.25	P4	2.5P	5	150	20	31	10.5	8	11	3	○
ALLS1410120	M14×1	P3	2.5P	5	120	20	31	10.5	8	11	3	○
ALLS1410150	M14×1	P3	2.5P	5	150	20	31	10.5	8	11	3	○
ALLS1620120	M16×2	P5	2.5P	5	120	20	32	12.5	10	13	3	○
ALLS1620150	M16×2	P5	2.5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

Unit:mm



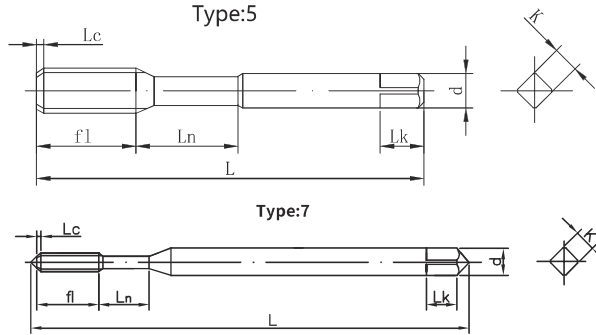
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALLS1615120	M16×1.5	P4	2.5P	5	120	20	32	12.5	10	13	3	○
ALLS1615150	M16×1.5	P4	2.5P	5	150	20	32	12.5	10	13	3	○
ALLS16125120	M16×1.25	P4	2.5P	5	120	20	32	12.5	10	13	3	○
ALLS16125150	M16×1.25	P4	2.5P	5	150	20	32	12.5	10	13	3	○
ALLS1610120	M16×1	P3	2.5P	5	120	20	32	12.5	10	13	3	○
ALLS1610150	M16×1	P3	2.5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

Unit:mm

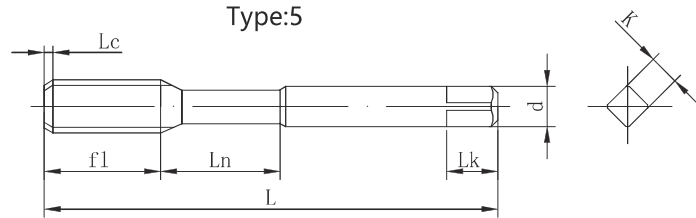


Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALSU44080	NO.4-40UNC	P2	2.5P	7	80	10	6	3	2.5	5	3	●
ALSU440100	NO.4-40UNC	P2	2.5P	7	100	10	6	3	2.5	5	3	●
ALSU54080	NO.5-40UNC	P2	2.5P	7	80	12	7	4	3.2	6	3	○
ALSU540100	NO.5-40UNC	P2	2.5P	7	100	12	7	4	3.2	6	3	○
ALSU63280	NO.6-32UNC	P2	2.5P	7	80	13	7	4	3.2	6	3	●
ALSU632100	NO.6-32UNC	P2	2.5P	7	100	13	7	4	3.2	6	3	●
ALSU632120	NO.6-32UNC	P2	2.5P	7	120	13	7	4	3.2	6	3	○
ALSU632150	NO.6-32UNC	P2	2.5P	7	150	13	7	4	3.2	6	3	○
ALSU83280	NO.8-32UNC	P2	2.5P	7	80	13.5	8	5	4	7	3	●
ALSU832100	NO.8-32UNC	P2	2.5P	7	100	13.5	8	5	4	7	3	●
ALSU832120	NO.8-32UNC	P2	2.5P	7	120	13.5	8	5	4	7	3	○
ALSU832150	NO.8-32UNC	P2	2.5P	7	150	13.5	8	5	4	7	3	○
ALSU102480	NO.10-24UNC	P2	2.5P	7	80	16.5	9.5	5.5	4.5	7	3	●
ALSU1024100	NO.10-24UNC	P2	2.5P	7	100	16.5	9.5	5.5	4.5	7	3	●
ALSU1024120	NO.10-24UNC	P2	2.5P	7	120	16.5	9.5	5.5	4.5	7	3	○
ALSU1024150	NO.10-24UNC	P2	2.5P	7	150	16.5	9.5	5.5	4.5	7	3	○
ALSU122480	NO.12-24UNC	P2	2.5P	7	80	16.5	9.5	5.5	4.5	7	3	●
ALSU1224100	NO.12-24UNC	P2	2.5P	7	100	16.5	9.5	5.5	4.5	7	3	●
ALSU1224120	NO.12-24UNC	P2	2.5P	7	120	16.5	9.5	5.5	4.5	7	3	○
ALSU1224150	NO.12-24UNC	P2	2.5P	7	150	16.5	9.5	5.5	4.5	7	3	○
ALSU142080	1/4-20UNC	P2	2.5P	7	80	19.5	9.5	6	4.5	7	3	●
ALSU1420100	1/4-20UNC	P2	2.5P	7	100	19.5	9.5	6	4.5	7	3	●
ALSU1420120	1/4-20UNC	P2	2.5P	7	120	19.5	9.5	6	4.5	7	3	●
ALSU1420150	1/4-20UNC	P2	2.5P	7	150	19.5	9.5	6	4.5	7	3	●
ALSU51618100	5/16-18UNC	P3	2.5P	5	100	23	15	6.1	5	8	3	●
ALSU51618120	5/16-18UNC	P3	2.5P	5	120	23	15	6.1	5	8	3	●
ALSU51618150	5/16-18UNC	P3	2.5P	5	150	23	15	6.1	5	8	3	●
ALSU51624100	5/16-24UNF	P3	2.5P	5	100	23	15	6.1	5	8	3	●
ALSU51624120	5/16-24UNF	P3	2.5P	5	120	23	15	6.1	5	8	3	●
ALSU51624150	5/16-24UNF	P3	2.5P	5	150	23	15	6.1	5	8	3	●
ALSU3816100	3/8-16UNC	P3	2.5P	5	100	25	18	7	5.5	8	3	●
ALSU3816120	3/8-16UNC	P3	2.5P	5	120	25	18	7	5.5	8	3	●
ALSU3816150	3/8-16UNC	P3	2.5P	5	150	25	18	7	5.5	8	3	○
ALSU3824100	3/8-24UNF	P3	2.5P	5	100	25	18	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-STM SPIRAL FLUTED TAPS WITH LONG SHANK



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

Unit:mm



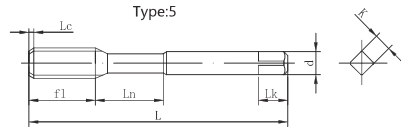
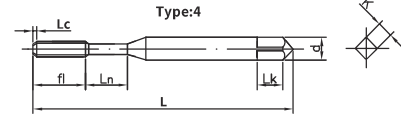
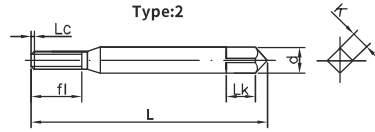
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALSU3824120	3/8-24UNF	P3	2.5P	5	120	25	18	7	5.5	8	3	●
ALSU3824150	3/8-24UNF	P3	2.5P	5	150	25	18	7	5.5	8	3	○
ALSU71614100	7/16-14UNC	P4	2.5P	5	100	29	16	8	6	9	3	●
ALSU71614120	7/16-14UNC	P4	2.5P	5	120	29	16	8	6	9	3	●
ALSU71614150	7/16-14UNC	P4	2.5P	5	150	29	16	8	6	9	3	○
ALSU71620100	7/16-20UNF	P3	2.5P	5	100	29	16	8	6	9	3	●
ALSU71620120	7/16-20UNF	P3	2.5P	5	120	29	16	8	6	9	3	●
ALSU71620150	7/16-20UNF	P3	2.5P	5	150	29	16	8	6	9	3	○
ALSU1213100	1/2-13UNC	P4	2.5P	5	100	30	18	9	7	10	3	●
ALSU1213120	1/2-13UNC	P4	2.5P	5	120	30	18	9	7	10	3	●
ALSU1213150	1/2-13UNC	P4	2.5P	5	150	30	18	9	7	10	3	○
ALSU1220100	1/2-20UNF	P3	2.5P	5	100	30	18	9	7	10	3	●
ALSU1220120	1/2-20UNF	P3	2.5P	5	120	30	18	9	7	10	3	●
ALSU1220150	1/2-20UNF	P3	2.5P	5	150	30	18	9	7	10	3	○
ALSU91612120	9/16-12UNC	P4	2.5P	5	120	30	20	10.5	8	11	3	○
ALSU91612150	9/16-12UNC	P4	2.5P	5	150	30	20	10.5	8	11	3	○
ALSU91618120	9/16-18UNF	P3	2.5P	5	120	30	20	10.5	8	11	3	○
ALSU91618150	9/16-18UNF	P3	2.5P	5	150	30	20	10.5	8	11	3	○
ALSU5811120	5/8-11UNC	P4	2.5P	5	120	23	25	12	9	12	3	○
ALSU5811150	5/8-11UNC	P4	2.5P	5	150	23	25	12	9	12	3	○
ALSU5818120	5/8-18UNF	P3	2.5P	5	120	23	25	12	9	12	3	○
ALSU5818150	5/8-18UNF	P3	2.5P	5	150	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## AL-STM -ST SPIRAL FLUTED TAPS



- ⊙ High-speed steel material;
- ⊙ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

Unit:mm



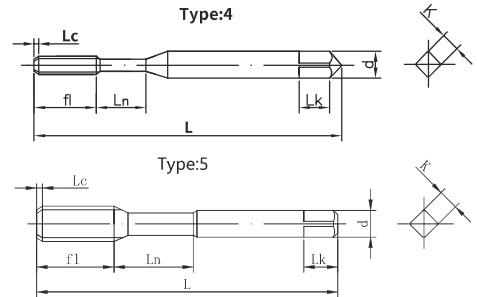
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALST020040	ST2X0.4	P1	2.5P	2	43	12	-	3	2.5	3	2	●
ALST025045	ST2.5X0.45	P1	2.5P	2	48	15	-	4	3.2	6	3	●
ALST030050	ST3X0.5	P2	2.5P	2	48	16	-	5	4	7	3	●
ALST040070	ST4X0.7	P2	2.5P	4	63	12	10	5.5	4.5	7	3	●
ALST050080	ST5X0.8	P2	2.5P	4	66	12	12	6	4.5	7	3	●
ALST060100	ST6X1	P2	2.5P	5	70	13	23	6.2	5	8	3	●
ALST080125	ST8X1.25	P2	2.5P	5	75	13	30	7	5.5	8	3	●
ALST100150	ST10X1.5	P2	2.5P	5	82	17	25	8.5	6.5	9	3	●
ALST120175	ST12X1.75	P3	2.5P	5	88	20	31	10.5	8	11	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## AL-STM SPIRAL FLUTED TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, smooth chip removal, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC, etc.

Unit:mm

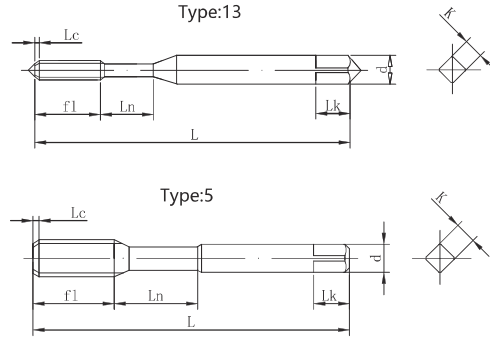
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALUST256	STNO.2-56UNC	P1	2.5P	4	43	10	6	3	2.5	3	3	○
ALUST440	STNO.4-40UNC	P1	2.5P	4	48	13	7	4	3.2	6	3	○
ALUST632	STNO.6-32UNC	P2	2.5P	4	54	14	7	5	4	7	3	○
ALUST832	STNO.8-32UNC	P2	2.5P	4	63	16	9	5.5	4.5	7	3	○
ALUST1024	STNO.10-24UNC	P2	2.5P	4	66	19.5	9.5	6	4.5	7	3	○
ALUST1420	ST1/4-20UNC	P2	2.5P	5	70	23	15	6.1	5	8	3	○
ALUST51618	ST5/16-18UNC	P2	2.5P	5	75	24	19	7	5.5	8	3	○
ALUST3816	ST3/8-16UNC	P2	2.5P	5	82	29	17	8.5	6.5	9	3	○
ALUST71614	ST7/16-14UNC	P3	2.5P	5	88	20	31	10.5	8	11	3	○
ALUST1213	ST1/2-13UNC	P3	2.5P	5	95	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## ALI-GPT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ Complex coating, excellent wear resistance.
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

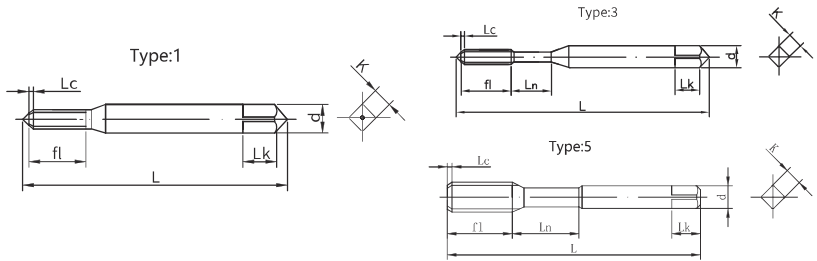
Item No.	Thread Size	Limit	LC	Type	Dimensions						Stock
					L	fl	Ln	d	k	Lk	
AL3ISP04070	M4×0.7	6HX	5P	13	63	9	12	4.5	3.4	6	●
AL3ISP05080	M5×0.8	6HX	5P	13	70	10	15	6	4.9	8	●
AL3ISP06100	M6×1	6HX	5P	13	80	10	20	6	4.9	8	●
AL3ISP07100	M7×1	6HX	5P	13	80	10	20	7	5.5	8	●
AL3ISP08125	M8×1.25	6HX	5P	5	90	13	22	8	6.2	9	●
AL3ISP08100	M8×1	6HX	5P	5	90	13	22	8	6.2	9	●
AL3ISP10150	M10×1.5	6HX	5P	5	100	15	24	10	8	11	●
AL3ISP10125	M10×1.25	6HX	5P	5	100	15	24	10	8	11	●
AL3ISP10100	M10×1	6HX	5P	5	100	15	24	10	8	11	●
AL3ISP12175	M12×1.75	6HX	5P	5	110	17	32	9	7	10	●
AL3ISP12150	M12×1.5	6HX	5P	5	110	17	32	9	7	10	●
AL3ISP12125	M12×1.25	6HX	5P	5	110	17	32	9	7	10	●
AL3ISP12100	M12×1	6HX	5P	5	110	17	32	9	7	10	●
AL3ISP14200	M14×2	6HX	5P	5	110	20	33	11	9	12	●
AL3ISP14150	M14×1.5	6HX	5P	5	110	20	33	11	9	12	●
AL3ISP14125	M14×1.25	6HX	5P	5	110	20	33	11	9	12	●
AL3ISP14100	M14×1	6HX	5P	5	110	20	33	11	9	12	●
AL3ISP16200	M16×2	6HX	5P	5	110	20	34	12	9	12	●
AL3ISP16150	M16×1.5	6HX	5P	5	110	20	34	12	9	12	●
AL3ISP16125	M16×1.25	6HX	5P	5	110	20	34	12	9	12	●
AL3ISP16100	M16×1	6HX	5P	5	110	20	34	12	9	12	●

Tolerances under 6HX standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## JIS -POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, forward chip removal, excellent wear resistance
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm

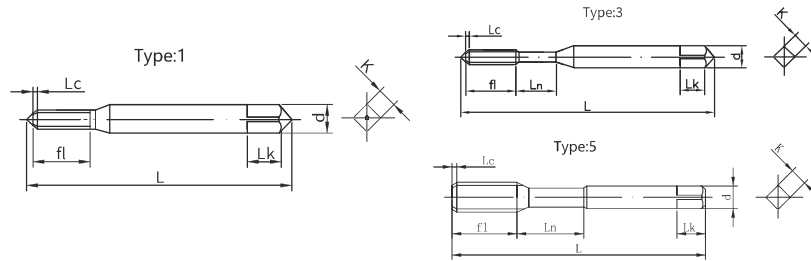
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
PAL010025	M1×0.25	P1	5P	1	37	4.5	-	3	2.5	3	2	●
PAL012025	M1.2×0.25	P1	5P	1	37	5.5	-	3	2.5	3	2	●
PAL014030	M1.4×0.3	P1	5P	1	37	9	-	3	2.5	3	2	●
PAL016035	M1.6×0.35	P2	5P	1	37	8	-	3	2.5	3	2	●
PAL020040	M2×0.4	P2	5P	1	45	11	-	3	2.5	3	2	●
PAL025045	M2.5×0.45	P2	5P	1	45	12	-	3	2.5	3	2	●
PAL030050	M3×0.5	P2	5P	3	50	12	7	4	3.2	6	3	●
PAL035060	M3.5×0.6	P2	5P	3	50	13	7	4	3.2	6	3	●
PAL040070	M4×0.7	P2	5P	3	57	14	7	5	4	7	3	●
PAL050080	M5×0.8	P2	5P	3	66	16	9	5.5	4.5	7	3	●
PAL060100	M6×1	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
PAL070100	M7×1	P3	5P	3	78	13	10	6.2	5	8	3	●
PAL080125	M8×1.25	P3	5P	5	70	22	15	6.2	5	8	3	●
PAL080100	M8×1	P3	5P	5	70	22	15	6.2	5	8	3	●
PAL100150	M10×1.5	P4	5P	5	75	24	19	7	5.5	8	3	●
PAL100125	M10×1.25	P3	5P	5	75	24	19	7	5.5	8	3	●
PAL100100	M10×1	P3	5P	5	75	24	19	7	5.5	8	3	●
PAL120175	M12×1.75	P4	5P	5	82	29	17	8.5	6.5	9	3	●
PAL120150	M12×1.5	P4	5P	5	82	29	17	8.5	6.5	9	3	●
PAL120125	M12×1.25	P4	5P	5	82	29	17	8.5	6.5	9	3	●
PAL120100	M12×1	P3	5P	5	82	29	17	8.5	6.5	9	3	●
PAL140200	M14×2	P5	5P	5	88	20	31	10.5	8	11	3	●
PAL140150	M14×1.5	P4	5P	5	88	20	31	10.5	8	11	3	●
PAL140125	M14×1.25	P4	5P	5	88	20	31	10.5	8	11	3	●
PAL140100	M14×1	P3	5P	5	88	20	31	10.5	8	11	3	●
PAL160200	M16×2	P5	5P	5	95	20	32	12.5	10	13	3	●
PAL160150	M16×1.5	P4	5P	5	95	20	32	12.5	10	13	3	●
PAL160125	M16×1.25	P4	5P	5	95	20	32	12.5	10	13	3	●
PAL160100	M16×1	P3	5P	5	95	20	32	12.5	10	13	3	●

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## JIS -POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, forward chip removal, excellent wear resistance
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

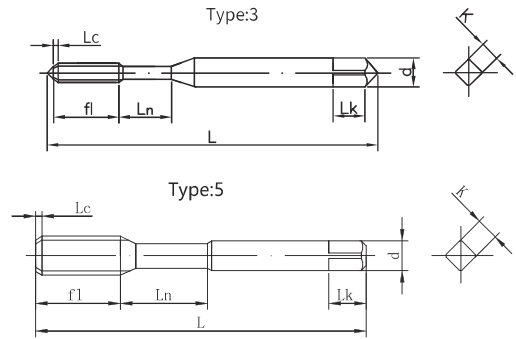
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
PALU080	NO.0-80UNF	P1	5P	1	37	10	-	3	2.5	3	2	●
PALU164	NO.1-64UNC	P1	5P	1	37	11	-	3	2.5	3	2	●
PALU256	NO.2-56UNC	P1	5P	1	45	12	-	3	2.5	3	2	●
PALU348	NO.3-48UNC	P1	5P	1	45	14	-	3	2.5	3	2	●
PALU440	NO.4-40UNC	P2	5P	1	45	13	-	3	2.5	3	2	●
PALU540	NO.5-40UNC	P2	5P	3	50	12	7	4	3.2	6	3	●
PALU632	NO.6-32UNC	P2	5P	3	50	13	7	4	3.2	6	3	●
PALU832	NO.8-32UNC	P2	5P	3	57	13.5	8	5	4	7	3	●
PALU1024	NO.10-24UNC	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
PALU1032	NO.10-32UNF	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
PALU1224	NO.12-24UNC	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
PALU1228	NO.12-28UNF	P2	5P	3	66	16.5	9.5	5.5	4.5	7	3	●
PALU1420	1/4-20UNC	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
PALU1428	1/4-28UNF	P2	5P	3	69	19.5	9.5	6	4.5	7	3	●
PALU51618	5/16-18UNC	P3	5P	5	70	23	15	6.1	5	8	3	●
PALU51624	5/16-24UNF	P3	5P	5	70	23	15	6.1	5	8	3	●
PALU3816	3/8-16UNC	P3	5P	5	75	25	18	7	5.5	8	3	●
PALU3824	3/8-24UNF	P3	5P	5	75	25	18	7	5.5	8	3	●
PALU71614	7/16-14UNC	P4	5P	5	80	29	16	8	6	9	3	●
PALU71620	7/16-20UNF	P3	5P	5	80	29	16	8	6	9	3	●
PALU1213	1/2-13UNC	P4	5P	5	85	30	18	9	7	10	3	●
PALU1220	1/2-20UNF	P3	5P	5	85	30	18	9	7	10	3	●
PALU91612	9/16-12UNC	P4	5P	5	90	30	20	10.5	8	11	3	●
PALU91618	9/16-18UNF	P3	5P	5	90	30	20	10.5	8	11	3	●
PALU5811	5/8-11UNC	P4	5P	5	95	23	25	12	9	12	3	●
PALU5818	5/8-18UNF	P3	5P	5	95	23	25	12	9	12	3	●

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## S-POT SPIRAL POINTED TAPS WITH FINE THREAD



- ◎ High-speed steel material;
- ◎ TB-L50 coating, forward chip removal, excellent wear resistance
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

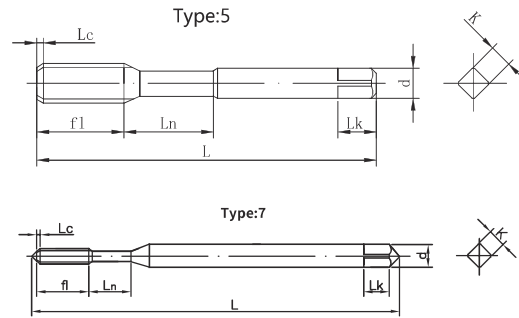
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
PAL030035	M3×0.35	P2	5P	3	50	5	13	4	3.2	6	3	○
PAL035035	M3.5×0.35	P2	5P	3	50	6	13	4	3.2	6	3	○
PAL040050	M4×0.5	P2	5P	3	57	9	11	5	4	7	3	○
PAL050050	M5×0.5	P2	5P	3	66	8	17	5.5	4.5	7	3	○
PAL060050	M6×0.5	P2	5P	3	69	12	12	6	4.5	7	3	○
PAL060075	M6×0.75	P2	5P	3	69	12	12	6	4.5	7	3	○
PAL070075	M7×0.75	P3	5P	3	78	13	10	6.2	5	8	3	○
PAL080075	M8×0.75	P3	5P	5	70	13	23	6.2	5	8	3	○
PAL100075	M10×0.75	P3	5P	5	75	13	30	7	5.5	8	3	○
PALU640	NO.6-40UNF	P2	5P	3	50	8	12	4	3.2	6	3	○
PALU836	NO.8-36UNF	P2	5P	3	57	8	13.5	5	4	7	3	○

Tolerances under 6H/2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, forward chip removal, excellent wear resistance
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

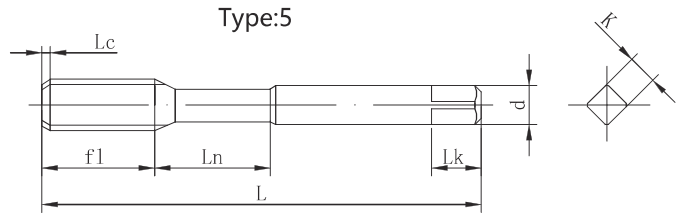
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALP020480	M2×0.4	P2	5P	7	80	9	6	3	2.5	5	2	●
ALP0204100	M2×0.4	P2	5P	7	100	9	6	3	2.5	5	2	●
ALP02504580	M2.5×0.45	P2	5P	7	80	9	6	3	2.5	5	2	●
ALP025045100	M2.5×0.45	P2	5P	7	100	9	6	3	2.5	5	2	●
ALP030580	M3×0.5	P2	5P	7	80	12	7	4	3.2	6	3	●
ALP0305100	M3×0.5	P2	5P	7	100	12	7	4	3.2	6	3	●
ALP0305120	M3×0.5	P2	5P	7	120	12	7	4	3.2	6	3	●
ALP0305150	M3×0.5	P2	5P	7	150	12	7	4	3.2	6	3	○
ALP0350680	M3.5×0.6	P2	5P	7	80	13	7	4	3.2	6	3	●
ALP03506100	M3.5×0.6	P2	5P	7	100	13	7	4	3.2	6	3	●
ALP03506120	M3.5×0.6	P2	5P	7	120	13	7	4	3.2	6	3	●
ALP03506150	M3.5×0.6	P2	5P	7	150	13	7	4	3.2	6	3	○
ALP040780	M4×0.7	P2	5P	7	80	14	7	5	4	7	3	●
ALP0407100	M4×0.7	P2	5P	7	100	14	7	5	4	7	3	●
ALP0407120	M4×0.7	P2	5P	7	120	14	7	5	4	7	3	●
ALP0407150	M4×0.7	P2	5P	7	150	14	7	5	4	7	3	○
ALP050880	M5×0.8	P2	5P	7	80	16	9	5.5	4.5	7	3	●
ALP0508100	M5×0.8	P2	5P	7	100	16	9	5.5	4.5	7	3	●
ALP0508120	M5×0.8	P2	5P	7	120	16	9	5.5	4.5	7	3	●
ALP0508150	M5×0.8	P2	5P	7	150	16	9	5.5	4.5	7	3	○
ALP061080	M6×1	P2	5P	7	80	19.5	9.5	6	4.5	7	3	●
ALP0610100	M6×1	P2	5P	7	100	19.5	9.5	6	4.5	7	3	●
ALP0610120	M6×1	P2	5P	7	120	19.5	9.5	6	4.5	7	3	●
ALP0610150	M6×1	P2	5P	7	150	19.5	9.5	6	4.5	7	3	●
ALP0710100	M7×1	P3	5P	7	100	13	10	6.2	5	8	3	●
ALP0710120	M7×1	P3	5P	7	120	13	10	6.2	5	8	3	●
ALP0710150	M7×1	P3	5P	7	150	13	10	6.2	5	8	3	●
ALP08125100	M8×1.25	P3	5P	5	100	22	15	6.2	5	8	3	●
ALP08125120	M8×1.25	P3	5P	5	120	22	15	6.2	5	8	3	●
ALP08125150	M8×1.25	P3	5P	5	150	22	15	6.2	5	8	3	○
ALP0810100	M8×1	P3	5P	5	100	22	15	6.2	5	8	3	●
ALP0810120	M8×1	P3	5P	5	120	22	15	6.2	5	8	3	○
ALP0810150	M8×1	P3	5P	5	150	22	15	6.2	5	8	3	○
ALP1015100	M10×1.5	P4	5P	5	100	24	19	7	5.5	8	3	●
ALP1015120	M10×1.5	P4	5P	5	120	24	19	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, forward chip removal, excellent wear resistance
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.



Unit:mm

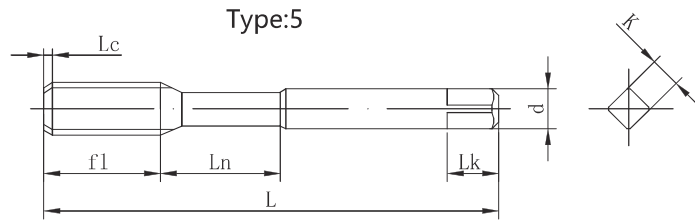
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALP1015150	M10×1.5	P4	5P	5	150	24	19	7	5.5	8	3	●
ALP10125100	M10×1.25	P3	5P	5	100	24	19	7	5.5	8	3	●
ALP10125120	M10×1.25	P3	5P	5	120	24	19	7	5.5	8	3	○
ALP10125150	M10×1.25	P3	5P	5	150	24	19	7	5.5	8	3	○
ALP1010100	M10×1	P3	5P	5	100	24	19	7	5.5	8	3	●
ALP1010120	M10×1	P3	5P	5	120	24	19	7	5.5	8	3	○
ALP1010150	M10×1	P3	5P	5	150	24	19	7	5.5	8	3	○
ALP12175100	M12×1.75	P4	5P	5	100	29	17	8.5	6.5	9	3	●
ALP12175120	M12×1.75	P4	5P	5	120	29	17	8.5	6.5	9	3	●
ALP12175150	M12×1.75	P4	5P	5	150	29	17	8.5	6.5	9	3	●
ALP1215100	M12×1.5	P4	5P	5	100	29	17	8.5	6.5	9	3	●
ALP1215120	M12×1.5	P4	5P	5	120	29	17	8.5	6.5	9	3	○
ALP1215150	M12×1.5	P4	5P	5	150	29	17	8.5	6.5	9	3	○
ALP12125100	M12×1.25	P4	5P	5	100	29	17	8.5	6.5	9	3	●
ALP12125120	M12×1.25	P4	5P	5	120	29	17	8.5	6.5	9	3	○
ALP12125150	M12×1.25	P4	5P	5	150	29	17	8.5	6.5	9	3	○
ALP1210100	M12×1	P3	5P	5	100	29	17	8.5	6.5	9	3	●
ALP1210120	M12×1	P3	5P	5	120	29	17	8.5	6.5	9	3	○
ALP1210150	M12×1	P3	5P	5	150	29	17	8.5	6.5	9	3	○
ALP1420120	M14×2	P5	5P	5	120	20	31	10.5	8	11	3	●
ALP1420150	M14×2	P5	5P	5	150	20	31	10.5	8	11	3	○
ALP1415120	M14×1.5	P4	5P	5	120	20	31	10.5	8	11	3	●
ALP1415150	M14×1.5	P4	5P	5	150	20	31	10.5	8	11	3	○
ALP14125120	M14×1.25	P4	5P	5	120	20	31	10.5	8	11	3	○
ALP14125150	M14×1.25	P4	5P	5	150	20	31	10.5	8	11	3	○
ALP1410120	M14×1	P3	5P	5	120	20	31	10.5	8	11	3	○
ALP1410150	M14×1	P3	5P	5	150	20	31	10.5	8	11	3	○
ALP1620120	M16×2	P5	5P	5	120	20	32	12.5	10	13	3	○
ALP1620150	M16×2	P5	5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-POT SPIRAL POINTED TAPS



- ◎ High-speed steel material;
- ◎ TB-L50 coating, forward chip removal, excellent wear resistance
- ◎ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

CPS M ISO 6H Coating TB-L50 JIS

Unit:mm

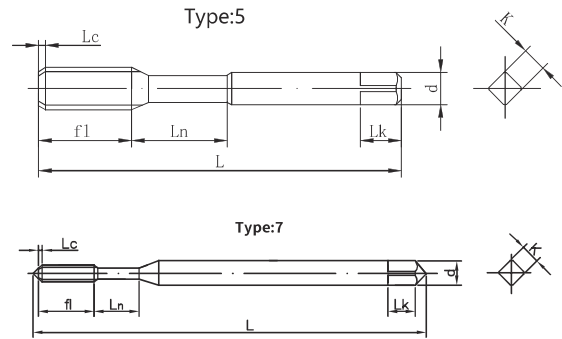
Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALP1615120	M16×1.5	P4	5P	5	120	20	32	12.5	10	13	3	○
ALP1615150	M16×1.5	P4	5P	5	150	20	32	12.5	10	13	3	○
ALP16125120	M16×1.25	P4	5P	5	120	20	32	12.5	10	13	3	○
ALP16125150	M16×1.25	P4	5P	5	150	20	32	12.5	10	13	3	○
ALP1610120	M16×1	P3	5P	5	120	20	32	12.5	10	13	3	○
ALP1610150	M16×1	P3	5P	5	150	20	32	12.5	10	13	3	○

Tolerances under 6H standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-POT SPIRAL POINTED TAPS



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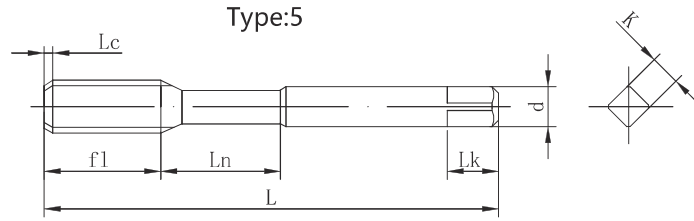
Unit:mm

Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	Ln	d	k	Lk		
ALPU44080	NO.4-40UNC	P2	5P	7	80	10	6	3	2.5	5	2	●
ALPU440100	NO.4-40UNC	P2	5P	7	100	10	6	3	2.5	5	2	●
ALPU54080	NO.5-40UNC	P2	5P	7	80	12	7	4	3.2	6	3	○
ALPU540100	NO.5-40UNC	P2	5P	7	100	12	7	4	3.2	6	3	○
ALPU63280	NO.6-32UNC	P2	5P	7	80	13	7	4	3.2	6	3	●
ALPU632100	NO.6-32UNC	P2	5P	7	100	13	7	4	3.2	6	3	●
ALPU632120	NO.6-32UNC	P2	5P	7	120	13	7	4	3.2	6	3	○
ALPU632150	NO.6-32UNC	P2	5P	7	150	13	7	4	3.2	6	3	○
ALPU83280	NO.8-32UNC	P2	5P	7	80	13.5	8	5	4	7	3	●
ALPU832100	NO.8-32UNC	P2	5P	7	100	13.5	8	5	4	7	3	●
ALPU832120	NO.8-32UNC	P2	5P	7	120	13.5	8	5	4	7	3	○
ALPU832150	NO.8-32UNC	P2	5P	7	150	13.5	8	5	4	7	3	○
ALPU102480	NO.10-24UNC	P2	5P	7	80	16.5	9.5	5.5	4.5	7	3	●
ALPU1024100	NO.10-24UNC	P2	5P	7	100	16.5	9.5	5.5	4.5	7	3	●
ALPU1024120	NO.10-24UNC	P2	5P	7	120	16.5	9.5	5.5	4.5	7	3	○
ALPU1024150	NO.10-24UNC	P2	5P	7	150	16.5	9.5	5.5	4.5	7	3	○
ALPU122480	NO.12-24UNC	P2	5P	7	80	16.5	9.5	5.5	4.5	7	3	●
ALPU1224100	NO.12-24UNC	P2	5P	7	100	16.5	9.5	5.5	4.5	7	3	●
ALPU1224120	NO.12-24UNC	P2	5P	7	120	16.5	9.5	5.5	4.5	7	3	○
ALPU1224150	NO.12-24UNC	P2	5P	7	150	16.5	9.5	5.5	4.5	7	3	○
ALPU142080	1/4-20UNC	P2	5P	7	80	19.5	9.5	6	4.5	7	3	●
ALPU1420100	1/4-20UNC	P2	5P	7	100	19.5	9.5	6	4.5	7	3	●
ALPU1420120	1/4-20UNC	P2	5P	7	120	19.5	9.5	6	4.5	7	3	●
ALPU1420150	1/4-20UNC	P2	5P	7	150	19.5	9.5	6	4.5	7	3	●
ALPU51618100	5/16-18UNC	P3	5P	5	100	23	15	6.1	5	8	3	●
ALPU51618120	5/16-18UNC	P3	5P	5	120	23	15	6.1	5	8	3	●
ALPU51618150	5/16-18UNC	P3	5P	5	150	23	15	6.1	5	8	3	●
ALPU51624100	5/16-24UNF	P3	5P	5	100	23	15	6.1	5	8	3	●
ALPU51624120	5/16-24UNF	P3	5P	5	120	23	15	6.1	5	8	3	●
ALPU51624150	5/16-24UNF	P3	5P	5	150	23	15	6.1	5	8	3	●
ALPU3816100	3/8-16UNC	P3	5P	5	100	25	18	7	5.5	8	3	●
ALPU3816120	3/8-16UNC	P3	5P	5	120	25	18	7	5.5	8	3	●
ALPU3816150	3/8-16UNC	P3	5P	5	150	25	18	7	5.5	8	3	●
ALPU3824100	3/8-24UNF	P3	5P	5	100	25	18	7	5.5	8	3	●

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

TAPS FOR ALUMINUM, COOPER AND NON-FERROUS METALS

## L-POT SPIRAL POINTED TAPS



- ⊙ High-speed steel material;
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- ⊙ Suitable for processing non-ferrous metals, ADC, AC, ZDC, MC, Cu, BSC.

Unit:mm



Item No.	Thread Size	Limit	LC	Type	Dimensions						Flutes	Stock
					L	fl	ln	d	k	Lk		
ALPU3824120	3/8-24UNF	P3	5P	5	120	25	18	7	5.5	8	3	●
ALPU3824150	3/8-24UNF	P3	5P	5	150	25	18	7	5.5	8	3	○
ALPU71614100	7/16-14UNC	P4	5P	5	100	29	16	8	6	9	3	●
ALPU71614120	7/16-14UNC	P4	5P	5	120	29	16	8	6	9	3	●
ALPU71614150	7/16-14UNC	P4	5P	5	150	29	16	8	6	9	3	○
ALPU71620100	7/16-20UNF	P3	5P	5	100	29	16	8	6	9	3	●
ALPU71620120	7/16-20UNF	P3	5P	5	120	29	16	8	6	9	3	●
ALPU71620150	7/16-20UNF	P3	5P	5	150	29	16	8	6	9	3	○
ALPU1213100	1/2-13UNC	P4	5P	5	100	30	18	9	7	10	3	●
ALPU1213120	1/2-13UNC	P4	5P	5	120	30	18	9	7	10	3	●
ALPU1213150	1/2-13UNC	P4	5P	5	150	30	18	9	7	10	3	○
ALPU1220100	1/2-20UNF	P3	5P	5	100	30	18	9	7	10	3	●
ALPU1220120	1/2-20UNF	P3	5P	5	120	30	18	9	7	10	3	●
ALPU1220150	1/2-20UNF	P3	5P	5	150	30	18	9	7	10	3	○
ALPU91612120	9/16-12UNC	P4	5P	5	120	30	20	10.5	8	11	3	○
ALPU91612150	9/16-12UNC	P4	5P	5	150	30	20	10.5	8	11	3	○
ALPU91618120	9/16-18UNF	P3	5P	5	120	30	20	10.5	8	11	3	○
ALPU91618150	9/16-18UNF	P3	5P	5	150	30	20	10.5	8	11	3	○
ALPU5811120	5/8-11UNC	P4	5P	5	120	23	25	12	9	12	3	○
ALPU5811150	5/8-11UNC	P4	5P	5	150	23	25	12	9	12	3	○
ALPU5818120	5/8-18UNF	P3	5P	5	120	23	25	12	9	12	3	○
ALPU5818150	5/8-18UNF	P3	5P	5	150	23	25	12	9	12	3	○

Tolerances under 2B standard. Other tolerances and Special tap chamfer custom are available. More details, Please check with point of sales.

P	P	P	SCM	M	K	K	N	N	N	S	S	H
-	-	-	-	-	-	-	●	●	●	-	-	-

T-BELI 



## Recommended Drill Hole Size For Forming Taps

Metric Screw Threads				Unit:mm	
Thread Size	1 for JIS class 1 drill hole dia		2 for JIS class 2 drill hole dia		
	RH	MIN~MAX	RH	MIN~MAX	
	Precision	Thread Overlap Ratio:%	Precision	Thread Overlap Ratio:%	
M1 ×0.25	2	0.87~0.89(100~85)	4	0.90~0.92(100~80)	
M1.2×0.25	2	1.07~1.09 (100~85)	4	1.10~1.12 (100~80)	
M1.4×0.3	2	1.244~1.263(100~85)	4	1.270~1.294(100~80)	
M1.6×0.35	2	1.40~1.44 (100~80)	4	1.44 ~1.48 (100~75)	
M1.7 ×0.35	2	1.51~1.54 (100~80)	4	1.54~1.58 (100~75)	
M2×0.4	2	1.78~1.82(100~80)	4	1.81~1.85(100~75)	
M2.3×0.4	2	2.08~2.12 (100~80)	4	2.11~2.15(100~75)	
M2.5 ×0.45	2	2.25~2.29 (100~80)	4	2.28~2.33(100~75)	
M2.6×0.45	2	2.35~2.39 (100~80)	4	2.38~2.43(100~75)	
M3×0.5	3	2.74~2.78 (100~80)	5	2.76~2.81(100~75)	
M3.5×0.6	3	3.18~3.21 (100~85)	5	3.20~3.26 (100~75)	
M4 ×0.7	4	3.63~3.67(100~85)	6	3.65~3.70(100~85)	
M5 ×0.8	4	4.57~4.62(100~85)	6	4.59~4.66 (100~80)	
M6×1.0	4	5.45~5.51(100~85)	7	5.48~5.57(100~80)	
M7 ×1.0	4	6.45~6.51(100~85)	7	6.48~6.57(100~80)	
M8 ×1.25	5	7.31~7.38 (100~85)	7	7.34~7.41 (100~85)	
M10 ×1.5	5	9.16~9.22 (100~90)	7	9.18~9.28(100~85)	
M12 ×1.75	5	11.01~11.08(100~90)	8	11.05~11.15(100~85)	
M14×2.0	6	12.83~12.95(100~90)	10	12.92~13.04(100~85)	
M16×2.0	6	14.87~14.95(100~90)	10	14.92~15.04(100~85)	

## CPS hole diameter calculating mode

1.  $dN = D - P \times 0.45$   
 2.  $dN = D - 0.2P - 0.00403 \times P \times f1 + 0.0127 \times n$   
 Eg: M3\*0.5 RH6 JISclass 2 drill hole  
 Thread overlap ratio 90%  
 $dN = 3 - 0.2 \times 0.5 - 0.00403 \times 0.5 \times 90 + 0.0127 \times 6 = 2.79$

dN=Hole diameter  
 D=Diameter  
 P=Pitch  
 f1=Thread overlap ratio  
 n=RH

## Recommended Drill Hole Size For Forming Taps

Unified Coarse Screw threads							Unit:mm
Thread Size	2B or class 2B drill hole dia				3B for class 3B drill hole dia		
	Major Diameter	pitch Thread	RH	MIN~MAX	RH	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	2.28~2.34(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)	4	3.74~3.82(100~75)	
8~36UNF	4.164	0.7056	5	3.80~3.88(100~75)	4	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)	

## Recommended Drill Hole Size For Cutting Taps

Metric Screw Threads					Unit:mm
Specification (M)		Standard Hole Dia	2For JIS Class2 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	5	5.153	4.917	
M7	1	6	6.153	5.917	
M8	1.25	6.8	6.912	6.647	
M8	1	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	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	

### Recommended Drill Hole Size For Cutting Taps

Unified Coarse Screw threads				Unit:mm	
Specification (UNC)		Standard Hole Dia	2For Class2 Drill Hole Dia		
			Max	Min	
NO.1	-64	1.55	1.582	1.425	
NO.2	-56	1.8	1.871	1.695	
NO.3	-48	2.05	2.146	1.941	
NO.4	-40	2.3	2.385	2.157	
NO.5	-40	2.6	2.697	2.487	
NO.6	-32	2.8	2.895	2.642	
NO.8	-32	3.4	3.53	3.302	
NO.10	-24	3.9	3.962	3.683	
NO.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	

Unified Coarse Screw threads				Unit:mm	
Specification (UNF)		Standard Hole Dia	2For Class2 Drill Hole Dia		
			Max	Min	
NO.0	-80	1.25	1.305	1.182	
NO.1	-72	1.55	1.612	1.474	
NO.2	-64	1.85	1.912	1.756	
NO.3	-56	2.1	2.197	2.025	
NO.4	-48	2.4	2.458	2.271	
NO.5	-44	2.7	2.74	2.551	
NO.6	-40	2.9	3.022	2.82	
NO.8	-36	3.5	3.606	3.404	
NO.10	-32	4.1	4.165	3.963	
NO.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	9.90	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	

## Recommended Drill Hole Size For STI Cutting Taps

Metric Screw Threads							Unit:mm
Specification (M)	drilling size		Suitable Drill dia.	Specification (M)	drilling size		Suitable Drill dia.
	Min.	Max.			Min.	Max.	
ST2.5×0.45	2.6	2.65	2.6	ST10×1	10.25	10.42	10.3
ST2.6×0.45	2.7	2.75	2.7	ST10×1.25	10.31	10.52	10.4
ST3×0.5	3.12	3.2	3.15	ST 12×1.25	12.31	12.52	12.5
ST4×0.7	4.17	4.3	4.2	ST 12×1.5	12.37	12.62	12.5
ST5×0.8	5.16	5.33	5.2	ST14×1.5	14.37	14.62	14.5
ST6×1	6.25	6.42	6.3	ST16×1.5	16.37	16.62	16.5
ST8×1.25	8.31	8.52	8.4	ST18×1.5	18.37	18.62	18.5
ST10×1.5	10.37	10.62	10.5	ST20×1.5	20.37	20.62	20.4
ST12×1.75	12.43	12.73	12.5	ST20×2	20.47	20.83	20.5
ST14×2	14.49	14.83	14.5	ST22×1.5	22.37	22.62	22.5
ST16×2	16.49	16.83	16.5	ST24×1.5	24.37	24.62	24.5
ST18×2.5	18.58	19.04	19	ST24×2	24.47	24.83	24.5
ST20×2.5	20.58	21.04	21	ST27×1.5	27.33	27.56	27.4
ST22×2.5	22.58	23.04	23	ST30×1.5	30.37	30.62	30.5
ST24×3	24.7	25.25	25				
ST27×3	27.65	28.05	27.8				
ST30×3.5	30.76	31.2	31				

Unified Coarse Screw threads							Unit:mm
Specification (U)	drilling size		Suitable Drill dia.	Specification (U)	drilling size		Suitable Drill dia.
	Min.	Max.			Min.	Max.	
STNO.2-56UNC	2.29	2.39	2.3	STNO.4-48UNF	2.97	3.05	3
STNO.3-48	2.64	2.74	2.7	STNO.6-40	3.66	3.78	3.7
STNO.4-40	2.95	3.07	3	STNO.8-36	4.32	4.44	4.4
STNO.5-40	3.25	3.38	3.3	STNO.10-32	4.98	5.13	5
STNO.6-32	3.66	3.81	3.7	ST1/4-28	6.53	6.71	6.6
STNO.8-32	4.32	4.47	4.4	ST5/16-24	8.2	8.38	8.2
STNO.10-24	5.05	5.21	5.1	ST3/8-24	9.78	9.96	9.8
STNO.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	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

Pitch and Major Diameter Conversion Table

CONVERSION TABLE	
(25.4mm)Threads per inch	(mm) Pitch of Thread
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

(mm)UNC external diameter conversion table		
Specification (UNC)	Inch	Metric
NO.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	0.19	4.826
12	0.216	5.486

## Recommended Tapping Speeds & Calculation Formula

Tapping Speed		Unit:m/min			
Work Material		Forming Tap(v)	Pointed Tap(V)	Fluted 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

### Calculation formula for cutting conditions

Revolution(N)

$$N = \frac{1,000V}{\pi d} \text{ (rpm)}$$

Feeding Speed

$$F = \frac{f \cdot Z \cdot N(D \pm d)}{D} \text{ (mm/min)}$$

Tapping Speed(V)

$$V = \frac{\pi d N}{1,000} \text{ (M/min)}$$

1.(-)Female screw(-)

2.(+) Male screw(+)

3.TIN(\*1.3。

Tapping speed of TIN coated tap can increase by 30%.

Tapping speed should reduce by 20-30% when tapping depth > =2D.

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

## Technical Information

### The difference between forming taps and cutting taps

#### forming taps

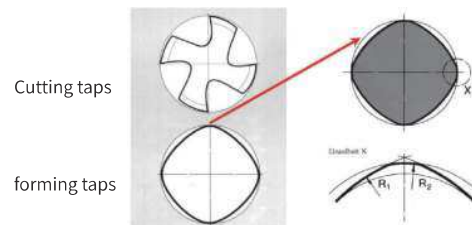
forming taps make threads through cold extrusion

- ★ no cutting, no chip removal problem
- ★ improved the thread surface quality
- ★ increased the cutting speed (2 times)
- ★ increased the taps' life

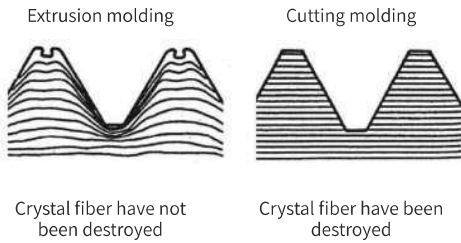
forming tap limited by workpiece material

- ★ Brittle materials (i.e. Grey cast iron) are not suitable
- ★ Remark: The drill hole for forming taps should be bigger than machine taps

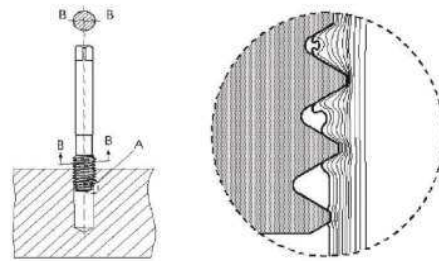
#### Feature comparison



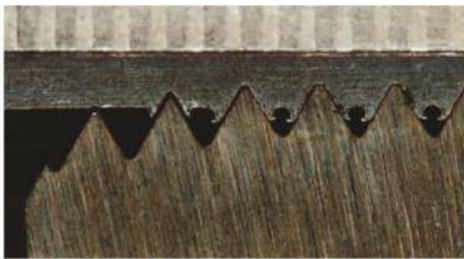
#### thread comparison



#### Extrusion forming diagram



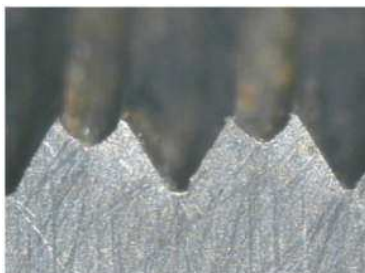
#### extrusion molding example



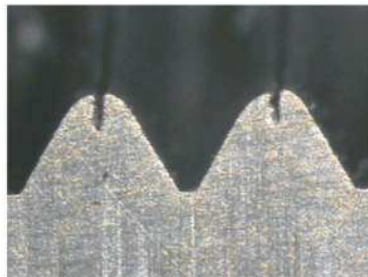
#### normal extrusion thread when bottom hole is reasonable



#### unfinished thread when bottom hole is too big



#### bad thread when bottom hole is too small



### The main problem ,reason and solve way while tapping

NO.	PROBLEM	REASON	SOLUTION
1	Taps broken	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 suitable 4. Workpiece's hardness is too high	1. Reduce tapping speed 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 stick crumbs 6. Burr in tap grinding 7. The machine spindle swinging too big 8. 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 tapping.	1. Choose proper accuracy 2. Choose good lubricity's cutting fluid 3. Select bigger tap limit
	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

### The main problem ,reason and solve way while tapping

PROBLEMS	REASONS	SOLUTIONS	IF NEED TO VERIFY TAPS OR NOT
The inner thread pitch diameter is too big (gauge no go-end all go through)	Unsuitable taps	1. Choose suitable accuracy taps	1. No need to verify taps, check if taps match with crafts
	Tap and plug do not match	1. Choose suitable taps and plug gauge (eg: taps RH7 should match plug gauge 6H)	1. 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	1. According to current crafts, no need to consider verification, Only new crafts happen similar case
	Unsuitable processing condition	1. Modify 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	1. 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	1. No need to verify taps, require operator to check taps regularly
Other factors are normal but gauge no go-end all go 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 modified 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 go)	Unsuitable taps	1. Choose bigger size taps 2. Choose suitable taps structure	
	Internal thread scratch	1. 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 go through	Tapping the thread hole again by hand	



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