



HY Cutting Tools

Professional Thread Tap Manufacturer & Supplier



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About us

Founded with a commitment to excellence, HY Cutting Tools is a professional manufacturer specializing in high-performance carbide cutting tools. With over 15 years of industry expertise, we integrate design, R&D, production, and sales to deliver precision-engineered solutions trusted by clients worldwide.

Our product portfolio covers carbide end mills, turning tools, milling cutters, tapping tools, tool holders, and drill bits and customized tools, all designed to meet the highest standards of performance and durability.

Equipped with world-class five-axis CNC grinding machines from Germany (WALTER), Australia (ANCA), and Switzerland (Rollomatic), we ensure exceptional accuracy, consistency, and durability in every tool we produce. Our products serve a wide range of industries — from automotive and aerospace to electronics, medical, mold manufacturing, and furniture production — helping customers improve efficiency, precision, and performance.

At HY Cutting Tools, we believe quality builds trust, reputation drives growth, and service creates value. Guided by this philosophy, we continue to expand our global reach, with products exported to the United States, Europe, South America, Southeast Asia, and the Middle East.



产品图片
PRODUCT PHOTO



日标螺尖螺旋镀钛丝锥

Japanese standard titanium screw tap

标准: JIS日本工业标准
Standard: JIS Japanese industrial standard

精度Precision: H1、H2、H3

适用范围: 适用于40铬钼, HRC30以下合金钢、铸钢、铸铁、不锈钢的加工。

Scope of application:
Suitable for processing alloy steel, cast steel, cast iron and stainless steel below 40 Cr-Mo and HRC30.

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	6542 价格 M2 PRICE	含钴 价格 M35 TIN PRICE	TICN 价格 M35 TICN PRICE	含钴AD+ 价格 AD+ PRICE
M2*0.4	3	42	8	2.5	6.6	12	12	12
M2.5*0.45	3	47	9.5	2.5	6.6	12	12	12
M3*0.5	4	46	11	3.2	6.5	8.4	8.6	9.4
M4*0.7	5	52	13	4	6.5	8.4	8.6	9.7
M5*0.8	5.5	60	16	4.5	6.6	9.6	10.0	11.2
M6*1	6	62	19	4.5	8.9	12.1	13.0	14.1
M8*1.25	6.3	72	22	5	11.5	14.5	15.5	17.2
M8*1	6.3	72	22	5	11.5	15	16.0	17.6
M10*1.5	7	75	24	5.5	13.4	21.2	23.0	24.4
M10*1	7	75	24	5.5	14	21.8	23.8	27.5
M10*1.25	7	75	24	5.5	14	21.8	23.8	27.5
M12*1.75	8.5	82	29	6.5	18	27.8	29.8	31.8
M12*1	8.5	82	29	6.5	18.8	28.4	30.8	34.1
M12*1.5	8.5	82	29	6.5	18.8	28.4	30.8	34.1
M14*2	10.5	88	30	8	23.4	36.4	38.9	57.2
M14*1.5	10.5	88	30	8	24.5	37.4	39.2	57.2
M16*2	12.5	95	32	10	29	41.8	44.0	61.4
M16*1.5	12.5	95	32	10	30.1	42.9	45.0	61.4
M18*2.5	14	100	37	11	39.9	57	59.0	68
M18*1.5	14	100	37	11	43	57	59.0	68
M20*2.5	14	105	37	11	43.6	75	77.0	82.5
M20*1.5	14	105	37	11	46	75	77.0	82.5

产品图片
PRODUCT PHOTO



日标挤压丝锥

Japanese standard extrusion tap

材质Material: HSS-E

标准: JIS日本工业标准
Standard: JIS Japanese industrial standard

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁、不锈钢的加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel, cast iron and stainless steel.

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	日标挤压 TICN价格 JIS TICN	日标挤压 TIN价格 JIS TIN
M2*0.4	3	42	8	2.5	18.2	16.8
M2.5*0.45	3	46	9	2.5	18.2	16.8
M3*0.5	4	46	10	3.2	13.8	12.4
M4*0.7	5	52	13	4	13.8	12.4
M5*0.8	5.5	60	15	4.5	16	13.8
M6*1	6	62	18	4.5	19	16.4
M8*1.25	6.2	70	22	5	26.6	23.8
M10*1.5	7	75	25	5.5	32.6	27.6
M12*1.75	8.5	82	29	6.5	43.5	38.5

产品图片
PRODUCT PHOTO



螺尖螺旋丝锥 国标

Spiral point tap

材质Material: HSS

标准Standard: GB/T3506-2008

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron.

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	白色螺尖 价格 WHITE PRICE	镀钛螺尖 价格 TIN PRICE	白色螺旋 价格 WHITE PRICE	镀钛螺旋 价格 TIN PRICE
M3*0.5	3	48	11	2.5	5.3	5.7	6.6	6.9
M4*0.7	4	53	13	3.15	5.3	5.7	6.6	6.9
M5*0.8	5	60	16	4	5.7	6.3	6.6	6.9
M5*0.5	5	60	16	4	9.0	10.0	9.0	10.0
M5*0.75	5	60	16	4	9.0	10.0	9.0	10.0
M6*1	6.3	66	19	5	6.8	7.5	7.7	8.1
M6*0.75	6.3	66	19	5	10.8	11.8	10.8	11.8
M6*0.5	6.3	66	19	5	10.8	11.8	10.8	11.8
M7*0.75	5.6	66	19	4.5	10.8	11.8	10.8	11.8
M7*0.5	5.6	66	19	4.5	10.8	11.8	10.8	11.8
M7*1	5.6	66	19	4.5	10.8	11.8	10.8	11.8
M8*1.25	6.3	72	22	5	9.9	10.6	9.9	10.6
M8*0.75	6.3	72	22	5	10.8	11.8	10.8	11.8
M8*0.5	6.3	72	22	5	10.8	11.8	10.8	11.8
M8*1	6.3	72	22	5	9.9	10.6	9.9	10.6
M10*1.5	8	80	24	6.3	11.6	12.5	11.6	12.5
M10*1	8	80	24	6.3	11.9	12.9	11.9	12.9
M10*1.25	8	80	24	6.3	11.9	12.9	11.9	12.9
M12*1.75	9	89	29	7.1	16.1	17.5	16.5	17.6
M12*1	9	89	29	7.1	16.6	18.2	17.6	18.7

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	白色螺尖 价格 WHITE PRICE	镀钛螺尖 价格 TIN PRICE	白色螺旋 价格 WHITE PRICE	镀钛螺旋 价格 TIN PRICE
M12*1.25	9	89	29	7.1	16.6	18.2	17.6	18.7
M12*1.5	9	89	29	7.1	16.6	18.2	17.6	18.7
M14*2	11.2	95	30	9	22.2	25.0	22.2	25.0
M14*1	11.2	95	30	9	22.8	26.0	22.8	26.0
M14*1.25	11.2	95	30	9	22.8	26.0	22.8	26.0
M14*1.5	11.2	95	30	9	22.8	26.0	22.8	26.0
M16*2	12.5	102	32	10	24.2	26.6	24.2	26.6
M16*1	12.5	102	32	10	25.3	27.8	25.3	27.8
M16*1.25	12.5	102	32	10	25.3	27.8	25.3	27.8
M16*1.5	12.5	102	32	10	25.3	27.8	25.3	27.8
M18*2.5	14	112	37	11.2	30.3	33.9	31.5	33.9
M18*1	14	112	37	11.2	31.5	35.1	32.6	35.1
M18*1.5	14	112	37	11.2	31.5	35.1	32.6	35.1
M18*2	14	112	37	11.2	31.5	35.1	32.6	35.1
M20*2.5	14	112	37	11.2	36.3	39.9	36.3	39.9
M20*2	14	112	37	11.2	39.1	44.0	39.1	44.0
M20*1	14	112	37	11.2	39.1	44.0	39.1	44.0
M20*1.5	14	112	37	11.2	39.1	44.0	39.1	44.0
M22*2.5	16	118	38	12.5	42.9	46.2	42.9	46.2
M22*2	16	118	38	12.5	45.2	47.7	45.2	47.7
M22*1	16	118	38	12.5	45.2	47.7	45.2	47.7
M22*1.5	16	118	38	12.5	45.2	47.7	45.2	47.7
M24*3	18	130	45	14	58.5	62.7	58.5	62.7
M24*1.5	18	130	45	14	58.5	62.7	58.5	62.7
M24*1	18	130	45	14	58.5	62.7	58.5	62.7
M24*2	18	130	45	14	58.5	62.7	58.5	62.7
M27*3	20	135	45	16	72.6	77.4	72.6	77.4
M27*1.5	20	135	45	16	72.6	77.4	72.6	77.4
M27*1	20	135	45	16	72.6	77.4	72.6	77.4
M27*2	20	135	45	16	72.6	77.4	72.6	77.4
M30*3.5	20	138	48	16	78.7	83.8	78.7	83.8
M30*1	20	138	48	16	78.7	83.8	78.7	83.8
M30*2	20	138	48	16	78.7	83.8	78.7	83.8
M30*1.5	20	138	48	16	78.7	83.8	78.7	83.8

产品图片
PRODUCT PHOTO



加丝丝锥

Plug taps

材质Material: HSS

标准Standard: GB/T3506-2008

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁加工。

Scope of application:

Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron.

产品图片
PRODUCT PHOTO



德标含钴丝锥DIN371/376

Cobalt DIN 371 / DIN 376 spiral pointed taps

材质Material: HSS-E

标准: DIN德国工业标准

Standard: DIN German industrial standard

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁、不锈钢的加工。

Scope of application:

Suitable for processing general steel, alloy steel below HRC30, cast steel, cast iron and stainless steel.

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	白色螺尖 价格 WHITE PRICE	镀钛螺尖 价格 TIN PRICE	白色螺旋 价格 WHITE PRICE	镀钛螺旋 价格 TIN PRICE
M3+0.05	3	48	11	2.5	5.8	6.3	7.3	7.8
M3+0.1	3	48	11	2.5	5.8	6.3	7.3	7.8
M4+0.05	4	53	13	3.15	5.8	6.3	7.3	7.8
M4+0.1	4	53	13	3.15	5.8	6.3	7.3	7.8
M5+0.05	5	60	16	4	6.3	6.9	7.3	7.8
M5+0.1	5	60	16	4	6.3	6.9	7.3	7.8
M6+0.05	6.3	66	19	5	7.5	8.3	8.5	9.5
M6+0.1	6.3	66	19	5	7.5	8.3	8.5	9.5
M8+0.05	6.3	72	22	5	11.1	12.1	11.1	12.1
M8+0.1	6.3	72	22	5	11.1	12.1	11.1	12.1
M10+0.05	8	80	24	6.3	12.8	13.8	12.8	13.8
M10+0.1	8	80	24	6.3	12.8	13.8	12.8	13.8
M12+0.05	9	89	29	7.1	17.7	19.3	18.2	19.3
M12+0.1	9	89	29	7.1	17.7	19.3	18.2	19.3

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	镀钛 价格 TIN PRICE	灰色 价格 TICON PRICE
M2	2.8	45	8	2.1	13.2	13.2
M2.5	2.8	45	9	2.1	13.2	13.2
M3	3.5	56	14.5	2.7	9.3	10.4
M3.5	4	60	16	3	9.3	10.7
M4	4.5	63	17	3.4	9.3	10.7
M5	6	70	20	4.9	10.6	12.3
M6	6	80	23	4.9	13.2	15.5
M6*0.75	6	80	23	4.9	16.0	18.9
M7*1	6	80	22	4.9	16	18.9
M8	8	90	22	6.2	16.0	18.9
M8*1	8	90	22	6.2	16.5	19.3
M10	10	90	24	8	23.3	26.8
M10细牙	10	90	24	8	24.0	30.2
M12	10	110	28	7.8	30.6	35.0
M12细牙	10	110	28	7.8	31.2	37.5
M13*1	11	110	27	9	40	63
M14	11	110	26	9	40	63
M14细牙	11	110	26	9	41.2	63
M16	12	110	27	9	46	67.5
M16细牙	12	110	27	9	48	67.5

产品图片
PRODUCT PHOTO



全磨制直槽机用丝锥

Fully ground straight flute machine taps

材质Material: HSS

标准Standard: GB/T3506-2008

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron and .

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	直槽 价格 WHITE PRICE	直槽镀钛 价格 TIN PRICE
M3	3	48	11	2.5	4.3	4.6
M4	4	53	13	3.15	4.3	4.6
M5	5	60	16	4	4.6	4.9
M6	6.3	66	19	5	5.4	6.0
M8	6.3	72	22	5	6.7	7.4
M8*1	6.3	72	22	5	7.4	7.9
M10	8	80	24	6.3	8.9	9.8
M10*1	8	80	24	6.3	9.2	10.1
M10*1.25	8	80	24	6.3	9.2	10.1
M12	9	89	29	7.1	12.7	13.9
M12*1.5	9	89	29	7.1	13.3	14.6
M12*1.25	9	89	29	7.1	13.3	14.6
M12*1	9	89	29	7.1	13.3	14.6
M14	11.2	95	30	9	14.7	15.5
M14*1.5	11.2	95	30	9	15.2	16.4
M14*1.25	11.2	95	30	9	15.2	16.4
M14*1	11.2	95	30	9	15.2	16.4
M16	12.5	102	32	10	17.5	19.0
M16*1.5	12.5	102	32	10	17.5	19.0
M16*1.25	12.5	102	32	10	17.5	19.0
M16*1	12.5	102	32	10	17.5	19.0
M18	14	112	37	11.2	20.9	23.5
M18*2	14	112	37	11.2	21.5	24.0
M18*1.5	14	112	37	11.2	21.5	24.0
M18*1	14	112	37	11.2	21.5	24.0
M20	14	112	37	11.2	28.5	31.1
M20*2	14	112	37	11.2	29.1	31.6
M20*1.5	14	112	37	11.2	29.1	31.6
M22	16	118	38	12.5	31.6	34.2
M22*2	16	118	38	12.5	31.6	34.2
M22*1.5	16	118	38	12.5	31.6	34.2
M24*3	18	130	45	14	43.7	46.8
M24*2	18	130	45	14	43.7	46.8
M24*1.5	18	130	45	14	43.7	46.8
M24*1	18	130	45	14	43.7	46.8
M27*3	20	135	45	16	46.8	51.9
M27*2	20	135	45	16	48.1	53.1
M27*1.5	20	135	45	16	48.1	53.1
M30	20	138	48	16	60.7	66.5
M30*2	20	138	48	16	60.7	66.5
M30*1.5	20	138	48	16	60.7	66.5
M30*1	20	138	48	16	60.7	66.5

产品图片
PRODUCT PHOTO



加长直槽丝锥

Extra long straight flute taps

材质Material: HSS

标准Standard: GB/T3506-2008

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁、不锈钢的加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron.

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	加长直槽 价格 WHITE PRICE	镀钛 价格 TIN PRICE
M3*90	3.15	90	14.5	6.1	6.7
M3*100	3.15	100	14.5	6.1	6.7
M4*100	4	100	17	6.1	6.7
M4*125	4	125	17	7.7	8.7
M4*150	4	150	17	11.0	12
M5*100	5	100	20.5	6.6	7.6
M5*125	5	125	20.5	7.7	8.7
M5*150	5	150	20.5	11.0	12
M6*100	6.3	100	20.5	7.2	8.2
M6*125	6.3	125	20.5	8.8	9.8
M6*150	6.3	150	20.5	11.0	12
M8*100	6.3	100	22	9.4	11
M8*125	6.3	125	22	12.7	14.5
M8*150	6.3	150	22	15.4	17
M8*200	6.3	200	22	24.2	17
M10*100	8	100	24	14.3	15.8
M10*120	8	120	24	15.4	17
M10*150	8	150	24	19.8	21.5
M10*200	8	200	24	29.7	32
M12*130	9	130	29	19.3	21.1
M12*160	9	160	29	21.5	23.3
M12*200	9	200	29	29.7	33
M14*130	11.2	130	30	20.9	24
M14*160	11.2	160	30	22.0	25.5
M14*200	11.2	200	30	27.5	31.5
M16*130	12.5	130	32	24.2	27.2
M16*160	12.5	160	32	26.4	30
M16*200	12.5	200	32	33.0	37

产品图片
PRODUCT PHOTO



美制螺尖螺旋丝锥

American standard spiral pointed taps

材质Material: HSS

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron and .

产品图片
PRODUCT PHOTO



管螺纹直槽丝锥

Straight flute pipe taps

材质Material: HSS

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁、不锈钢的加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron.

粗牙 UNC	细牙 UNF	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	粗牙 (UNC) 价 格 PRICE	细牙 (UNF) 价 格 PRICE
4-40	4-48	2.8	45	14	2.5	6.5	6.5
5-40	5-44	3.15	48	14	2.5	6.5	6.5
6-32	6-40	3.55	50	16	2.8	6.5	6.5
8-32	8-36	4.5	53	16	3.55	6.5	6.5
10-24	10-32	5	58	20	4	6.6	6.6
12-24	12-28	5.6	62	21	4.5	8.9	8.9
1/4-20	1/4-28	6.3	66	66	5	9.1	9.1
5/16-18	5/16-24	6.3	72	22	5	10.3	10.3
3/8-16	3/8-24	7.1	80	24	5.6	13.4	13.4
7/16-14	7/16-20	8	85	25	6.3	18.0	18.0
1/2-13	1/2-20	9	89	29	7.1	23.3	23.3
9/16-12	9/16-18	11.2	95	30	9	29.0	29.0
5/8-11	5/8-18	12.5	102	32	10	29.0	29.0
3/4-10	3/4-16	14	112	37	11.2	43.6	43.6
7/8-9	7/8-14	16	118	35	12.5	46.6	46.6
1-8	1-12	18	130	40	14	57.2	57.2

规格型号 MODELS	规格型号 MODELS	规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	价 格 PRICE
G1/16-28	RC1/16-28	NPT1/16-27	5.95	49	14.5	4.8	12
G1/8-28	RC1/8-28	NPT1/8-27	7.9	54	18.8	6	12
G1/4-19	RC1/4-19	NPT1/4-18	11	64	27	8.5	16
G3/8-19	RC3/8-19	NPT3/8-18	12.6	66	27	10.5	20
G1/2-14	RC1/2-14	NPT1/2-14	16.6	78	37	13.2	33
G5/8-14	RC5/8-14	NPT5/8-14	18	80	31.5	14.4	42
G3/4-14	RC3/4-14	NPT3/4-14	20.3	76	37	16.8	50
G1"-11	RC1"-11	NPT1"-11.5	25.9	93	40	22	80
G1 1/4-11	Rc1 1/4-11	NPT1 1/4-11.5	32	100	44	25.9	150
G1 1/2-11	Rc1 1/2-11	NPT1 1/2-11.5	38	105	42	28.9	190
G2"-11	RC2"-11	NPT2"-11.5	50	120	46	39	330

产品图片
PRODUCT PHOTO



加长螺尖螺旋丝锥

Extra long spiral pointed taps

材质Material: HSS

标准Standard: GB/T3506-2008

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron and .

产品图片
PRODUCT PHOTO



左牙丝锥

Left-hand taps

材质Material: HSS

标准Standard: GB/T3506-2008

精度Precision: H1、H2、H3

适用范围: 适用于一般钢材, HRC30以下合金钢、铸钢、铸铁、不锈钢的加工。

Scope of application:
Suitable for processing general steel, alloy steel below HRC30, cast steel and cast iron.

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	加长螺尖螺旋 价格 WHITE PRICE	加长螺尖螺旋 镀钛价格 TIN PRICE
M3*100	3.15	100	14.5	7.7	8.5
M4*100	4	100	17	8.8	9.5
M4*120	4	120	17	9.9	10.5
M4*150	4	150	17	13.2	14.2
M5*100	5	100	20.5	8.8	10
M5*120	5	120	20.5	9.9	10.8
M5*150	5	150	20.5	13.2	14.1
M6*100	6.3	100	20.5	11.0	12
M6*120	6.3	120	20.5	12.1	13
M6*150	6.3	150	20.5	13.2	14.7
M8*100	6.3	100	22	13.2	14.5
M8*120	6.3	120	22	15.5	16.7
M8*150	6.3	150	22	18.2	19.7
M10*100	8	100	24	17.6	19
M10*130	8	130	24	19.8	21.5
M10*150	8	150	24	22.0	23.5
M12*100	9.0	100	29	20.9	22.7
M12*130	9.0	130	29	22.0	23.8
M12*150	9.0	150	29	25.3	27
M14*130	11.2	130	30	26.4	29.5
M14*160	11.2	160	30	29.7	32.8
M16*130	12.5	130	32	29.7	33
M16*160	12.5	160	32	33.0	37
M16*200	12.5	200	32	44.0	48
M20*160	16	160	38	55.0	59
M20*200	16	200	38	60.5	65

规格型号 MODELS	柄 径 SHANK DIA	总 长 WHOLE LENGTH	刃 长 SQUARE PATH	方 宽 WIDTH	价 格 PRICE
M3	3	48	11	2.5	5.3
M4	4	53	13	3.15	5.3
M5	5	60	16	4	5.7
M6	6.3	66	19	5	6.8
M8	6.3	72	22	5	9.5
M10	8	80	24	6.3	11.6
M12	9	89	29	7.1	16.1
M14	11.2	95	30	9	22.2
M16	12.5	102	32	10	24.2
M18	14	112	37	11.2	30.3
M20	14	112	37	11.2	36.3
M22	16	118	38	12.5	42.9
M24	18	130	45	14	58.5
M27	20	135	45	16	72.6
M30	20	138	48	16	78.1