

# 滾光工具 - 亮面加工



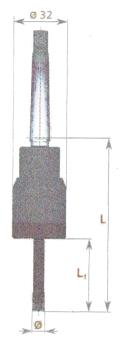


- \* 亮面加工,一般材質面粗糙可達Ra 0.2以下
- \*加工硬度不可超過 HRC 42







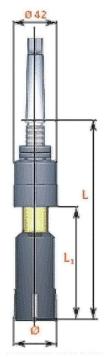


					* 柄徑: M	T1; 直柄: 10x40
					* 特殊長原	度可依需求訂製
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸
	4.00-4.49D	-0.05 +0.15	40	95	3	1.2 x 8
	4.50-5.74D	-0.05 +0.15	40	95	3	1.5 x 8
GB0	5.75-7.74D	-0.05 +0.15	40	95	3	2 x 8
	7.75-7.00D	-0.05 +0.15	40	95	3	2 x 8
	5.00 -7.74\$	-0.05 +0.15	40	95	3	2 x 8
	7.75-7.90S	-0.05 +0.15	40	95	5	2 x 8

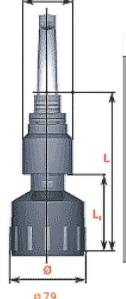


			* 柄徑: MT1; MT2; 直柄: 10x40; 20x50			
					* 特殊長度	E可依需求訂製
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸
	8.00- 9.90D	-0.10 +0.30	60	130	3	3 x 10
	8.00- 9.90D	-0.10 +0.30	100	170	3	3 x 10
	10.00-14.74D	-0.10 +0.30	60	130	5	3 x 10
	10.00-14.74D	-0.10 +0.30	100	170	5	3 x 10
	14.75-20.74D	-0.10 +0.30	80	150	5	4 x 14
	14.75-20.74D	-0.10 +0.30	100	170	5	4 x 14
	20.75-25.40D	-0.10 +0.30	80	150	5	5 x 18
GB1	20.75-20.40D	-0.10 +0.30	100	170	5	5 x 18
	8.00- 9.90S	-0.10 +0.30	60	150	3	3 x 10
	8.00- 9.90S	-0.10 +0.30	100	170	3	3 x 10
	10.00-14.745	-0.10 +0.30	60	150	5	3 x 10
	10.00-14.745	-0.10 +0.30	100	170	5	3 x 10
	14.75-20.74\$	-0.10 +0.30	80	150	5	4 x 14
	14.75-20.74\$	-0.10 +0.30	100	170	5	4 x 14
	20.75-25.40S	-0.10 +0.30	80	150	5	5 x 18
	20.75-25.40S	-0.10 +0.30	100	170	5	5 x 18





			* 柄徑: MT2; MT3; 直柄: 16x48; 20x50; 25x56				
		*加工長度	可依需求加	p長50mm或	え100mm; ‡	寺殊長度可訂製	
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸	
	25.40-34.50D	-0.10 +0.40	100	180	5	6 x 22	
	34.60-40.50D	-0.10 +0.40	100	180	7	6 x 22	
	40.60-42.90D	-0.10 +0.40	110	190	7	8 x 28	
	43.00-50.50D	-0.10 +0.40	∞	190	7	8 x 28	
GB2	50.60-59.50D	-0.10 +0.40	∞	190	8	8 x 28	
	25.40-34.50S	-0.10 +0.40	100	180	5	6 x 22	
	34.60-40.50S	-0.10 +0.40	100	180	7	6 x 22	
	40.60-42.90S	-0.10 +0.40	110	190	7	8 x 28	
	43.00-50.50S	-0.10 +0.40	∞	190	7	8 x 28	
	50.60-59.50S	-0.10 +0.40	∞	190	8	8 x 28	



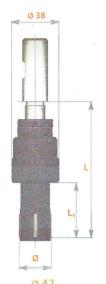
				* 柄	徑: MT3; M	T4; 直柄: 32x60
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸
	59.60-80.50D	-0.10 +0.60	∞	230	9	10 x 32
	80.60-95.00D	-0.10 +0.60	∞	230	11	12 x 35
	95.00-110.0D	-0.10 +0.60	∞	230	11	12 x 35
GB3	111.0-119.5D	-0.10 +0.60	∞	230	11	12 x 35
	59.60-80.50S	-0.10 +0.40	∞	230	9	10 x 32
	80.60-95.00S	-0.10 +0.40	∞	230	11	12 x 35
	95.00-110.0S	-0.10 +0.40	∞	230	11	12 x 35
	111.0-119.5S	-0.10 +0.40	∞	230	11	12 x 35



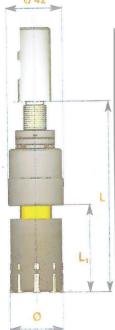
				* 柄	徑: MT4; M	IT5; 直柄: 40x70
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸
	119.6-134.9D	-0.10 +0.60	∞	260	12	14 x 38
	135.0-149.9D	-0.10 +0.60	∞	260	12	14 x 38
	150.0-164.9D	-0.10 +0.60	∞	260	14	14 x 38
	165.0-180.5D	-0.10 +0.60	∞	260	14	14 x 38
GB4	180.6-200.0D	-0.10 +0.60	∞	260	16	14 x 38
	119.6-134.95	-0.10 +0.40	∞	260	12	14 x 38
	135.0-149.95	-0.10 +0.40	∞	260	12	14 x 38
	150.0-164.9S	-0.10 +0.40	∞	260	14	14 x 38
	165.0-180.5S	-0.10 +0.40	∞	260	14	14 x 38
	180.6-200.0S	-0.10 +0.40	∞	260	16	14 x 38



### 滾光工具



			k	* 柄徑: MT	1; MT2; 直	柄: 10x40; 20x50
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸
	8.00-9.90D	-0.10 +0.30	40	107	3	3 x 10
	10.00-14.74D	-0.10 +0.30	40	107	5	3 x 10
0	14.75-20.74D	-0.10 +0.30	40	107	5	4 x 14
GB1A	20.75-25.40D	-0.10 +0.30	40	107	5	5 x 18
A	8.00-9.90S	-0.10 +0.30	40	107	3	3 x 10
	10.00-14.745	-0.10 +0.30	40	107	5	3 x 10
	14.75-20.74\$	-0.10 +0.30	40	107	5	4 x 14
	20.75-25.40\$	-0.10 +0.30	40	107	5	5 x 18



Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸
25.40-34.50D	-0.10 +0.40	60	130	5	6 x 22
34.60-40.50D	-0.10 +0.40	60	130	7	6 x 22
40.60-42.00D	-0.10 +0.40	60	130	7	8 x 28
42.10-50.50D	-0.10 +0.40	60	130	7	8 x 28
50.60-59.50D	-0.10 +0.40	60	130	8	8 x 28
25.40-34.50S	-0.10 +0.40	60	130	5	6 x 22
34.60-40.50S	-0.10 +0.40	60	130	7	6 x 22
40.60-42.00S	-0.10 +0.40	60	130	7	8 x 28
42.10-50.50S	-0.10 +0.40	60	130	7	8 x 28
50.60-59.50S	-0.10 +0.40	60	130	8	8 x 28

## 單滾珠外徑滾光工具 UGW8



可使用於傳統機床或CNC機台

包含多種柄徑規格:

VDI 30 DIN 69880

VDI 40 DIN 69880

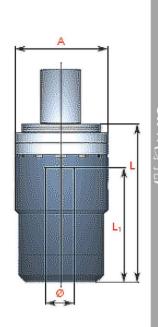
側固 D 25 x 56 mm

側固 D 32 x 60 mm

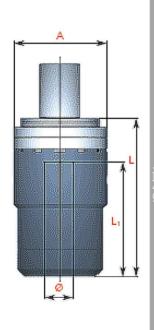
方柄 20 x 100 mm

方柄 32 x 100 mm





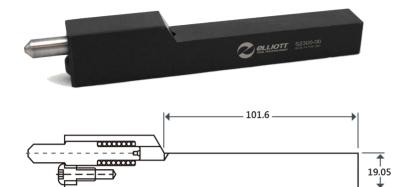
	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸	柄徑
	GW0						
	1.0 - 3.5			65	3	3 x 10	Ø 10X32
	3.6 - 8.5	-0.20 +0.05	40	65	3	4 x 14	Ø 16X32
	8.6 - 12.0			71	5	4 x 14	A=Ø 42
	GW1						
	3.0 - 9.5				3		Ø 30X40
)	9.6 - 24.0	-0.40 +0.10	10 95	5 118	5	6 x 22	Ø32X40
•							A=Ø 68
	GW2						
	24.1 - 30.5	0.40 + 0.40	.0.10 120	120	6	0 20	Ø 60X60
	30.6 - 49.0	-0.40 +0.10	120	138	7	8 x 28	A=Ø 98
	GW3						
	40.4.74.0	0.40 .0.40		4.40		0 20	Ø 90X80
	49.1 - 74.0	-0.40 +0.10	-	148	9	8 x 28	A=Ø 125
	GW4						
	74.1 - 89.5	0.20 .0.10		160	9	10 22	Ø 120X100
	89.6 - 110.0	-0.20 +0.10	-	168	11	10 x 32	A=Ø 175



	Ø mm	調整範圍	L1 mm	L mm	滾珠數	滾珠尺寸	柄徑
	GW0						
	1.0 - 3.5		48	65	3	3 x 10	Ø 10X30
	3.6 - 8.5	-0.20 +0.05	48	65	3	4 x 14	Ø 16X30
	8.6 - 12.0		40	71	5	4 x 14	A=Ø 42
	GW1						
	3.0 - 9.5				3		Ø 30X40
2	9.6 - 24.0	-0.04 +0.10	95	118	5	6 x 22	Ø32X40
							A=Ø 68
Ţ	GW2						
	24.1 - 30.5	0.40 +0.10	120	120	6	0 4 20	Ø 60X60
	30.6 - 49.0	-0.40 +0.10	120	138	7	8 x 28	A=Ø 98
	GW3						
	40.1 74.0	0.40 +0.10		1.40	0	020	Ø 90X80
	49.1 - 74.0	-0.40 +0.10	-	148	9	8 x 28	A=Ø 125
	GW4						
	74.1 - 89.5	0.20 10.10		160	9	10 v 22	Ø 120X100
	89.6 - 110.0	-0.20 +0.10	-	168	11	10 x 32	A=Ø 175



#### 鑽石滾光工具



型號	柄徑
S2300-00	3/4"
S2300A00	1"
S2300-00M	20mm
2300A00M	25mm
S2300M00	1" x 25mm 鑽石滾珠位在中間
S2295-00	19.05mm,搪刀型式

19,05 101.6 174.24 177.8 S2295

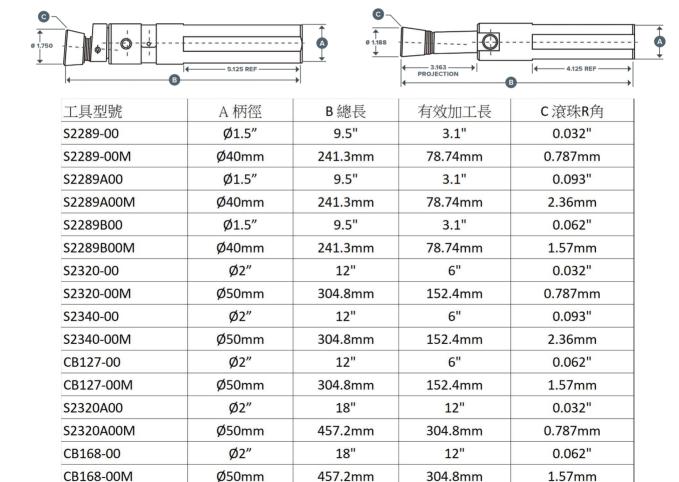
S2300

- \* HRC 40以下的加工物皆可加工
- \* S2295 滾光刀可加工孔徑12.7~35mm 內孔·加工深度71mm

#### 鎢鋼滾光工具

S2340A00

S2340A00M



18"

457.2mm

12"

304.8mm

0.093"

2.36mm

Ø2"

Ø50mm



### 鎢鋼滾光工具

- \*可用於加工外徑、錐度、弧形與平面大孔徑內孔也可使用
- \* 車床、CNC等加工物可旋轉的機台都可使用



	<b>-</b>		<b>一</b> 日 4 年 日	1T	
工具型號	柄徑尺寸	柄徑尺寸	工具總長	左/右手	滾珠R角
	В	С	D	L/R	
S2075-00M	25mm	37.72mm	88.9mm	LH	0.787mm
S2121-00M	25mm	37.72mm	88.9mm	RH	0.787mm
S2548-00M	25mm	37.72mm	88.9mm	LH	1.57mm
S2549-00M	25mm	37.72mm	88.9mm	RH	1.57mm
S2233-00M	25mm	37.72mm	88.9mm	LH	2.36mm
S2327-00M	25mm	37.72mm	88.9mm	RH	2.36mm
5900-100-80477M	25mm	37.72mm	82.55mm	LH	3.175mm
5900-100-80558M	25mm	37.72mm	82.55mm	RH	3.175mm
S2302-00	3/4"	1 1/4"	3.25"	LH	0.032"
S2306-00	3/4"	1 1/4"	3.25"	RH	0.032"
S2427-00	3/4"	1 1/4"	3.25"	LH	0.093"
S2488-00	3/4"	1 1/4"	3.25"	RH	0.093"
S2075-00	1"	1 1/2"	3.5"	LH	0.032"
S2121-00	1"	1 1/2"	3.5"	RH	0.032"
S2548-00	1"	1 1/2"	3.5"	LH	0.062"
S2549-00	1"	1 1/2"	3.5"	RH	0.062"
S2233-00	1"	1 1/2"	3.5"	LH	0.093"
S2327-00	1"	1 1/2"	3.5"	RH	0.093"
5900-100-80477	1"	1 1/2"	3.25"	LH	0.125"
5900-100-80558	1"	1 1/2"	3.25"	RH	0.125"
S2313-00	1 1/4"	1 3/4"	3.5"	LH	0.032"
S2384-00	1 1/4"	1 3/4"	3.5"	RH	0.032"



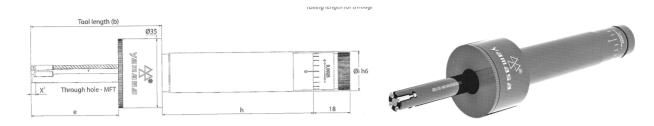
## 1252 可調角度鑽石滾光工具

*滾珠有 R0.1	與 RO.2兩種
型號	柄徑 (方柄)
DS1 - 20x20	20mm
DS1 - 25x25	25mm
DS1 - 32x32	32mm



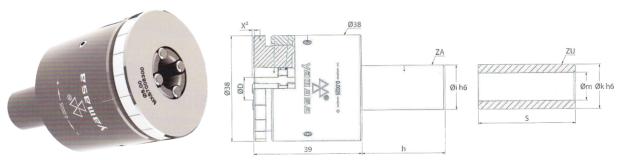


## yamasa 瑞士機床用滾光工具



MDX	Ø mm	穿孔	盲孔	穿孔	盲孔	直柄( <b>Ø</b> xh)	滾珠規格	滾珠規格	滾珠數
				加工深	加工深		穿孔	盲孔	
	5.00	2	3			ZA19.05 x 76	500115	-	3
	6.00					ZA19.05 x 115	500100		
	7.00			25	30	ZA20 x 76		500308	4
	8.00			(b=50)	(b=50)	ZA20 x 115			
	9.00			(e=32)	(e=32)	ZA22 x 76	500108	500300	
	10.00			45	50	ZA22 x 115			
	11.00			(b=70)	(b=70)	ZA25 x 76			
	12.00			(e=52)	(e=52)	ZA25 x 115	500102	500301	
	13.00					ZA25.4 x 76			
	14.00					ZA25.4 x 115			

### 外徑滾光工具



MXS1	Ø	盲孔	加工深度	直柄		\ <del>\</del> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	シナモエル・申ル
	Ø mm	自10		ZA(Øixh)	ZU(ØkxSxØm)	滾珠規格	滾珠數
	1.00					500301	3
	2.00				ZU19.05 x 76 x 12		
	3.00			ZA12 x 40	ZU19.05 x 115 x 12		
	4.00			ZA16 x 40	ZU20 x 76 x 12		
	5.00			ZA19.05 x 40	ZU20 x 115 x 12		4
	6.00	3	ZA柄 37	ZA20 x 40	ZU22 x 76 x 12		
	7.00	5	ZU柄 無限	ZA22 x 40	ZU22 x 115 x 12		
	8.00			ZA25 x 40	ZU25 x 76 x 15		5
	9.00			ZA25.4 x 40	ZU25 x 115 x 15		
	10.00				ZU25.4 x 76 x 15		
	11.00				ZU25.4 x 115 x 15		
	14.00						