

ENGRAVING PUNCHES

ENGRAVING PUNCHES FOR SLANTED SURFACE / SHIMS

R-L type RoHS

TCPA (1 character)

TCPB (Mounting bolt M5)
TCPBT (Mounting bolt M8)
(1 character)

Catalog No.	Character
TCPA TCPB	R
TCPBT	L R

Equivalent to SKD11 60~63HRC

A	B	C	M×P	d	h	D ₁	W	Y	D _{m6}	Mounting bolt	Catalog No. Type	D	CHR Character	Base unit price 1~4 pieces
—	—	—	M4×P0.7	—	—	8	5	3	10	M4	TCPA	10	R	Quotation
—	—	—	M6×P1.0	—	—	12	8	6	14	M6	TCPB	14	L	
1.5	4.5	5.7	M6×P1.0	9	10	14	4	3.2	16	M5	TCPB	16	R	
3.5	4	6.5												
2.5	6.5	8.5	M10×P1.5	13.5	7	—	5.5	5	20	M8	TCPBT	20	L	

Configurable types RoHS

Type	Number of characters	Mounting bolt
TCPBS	1M (1 character)	M5
TCPBW	2M (2 characters)	
TCPT	3M (3 characters)	
TCPBT	2M (2 characters)	M8
TCPTT	3M (3 characters)	

Equivalent to SKD11 60~63HRC

A	B	C	M×P	d	h	W	Y	D _{m6}	Mounting bolt	Number of characters	Catalog No. Type	D	CHR Character	Base unit price 1~4 pieces
2	5.2	—	M6×P1.0	9	10	2.5	3.5	16	M5	1M	TCPBS	16	0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	Quotation
3.5	5.2	—				4	6	20				20		
5.5	4	—				6	8	24				24		
3.5	4.75	5.6				4	5.5	20				20		
5.5	4	8	M10×P1.5	13.5	7	6	8	24	M8	2M	TCPBW	24	R	
5.5	4	5				4	6	24				24		
4.5	5.8	8	M10×P1.5	13.5	7	5.5	5.5	24	M8	2M	TCPBT	24	L	
4.5	6	5				3.3	5	24				24		

Order Catalog No. — CHR
TCPB 20 — L
TCPCT 24 — R4L

Days to Ship Quotation

Price Quotation

Example

- Mounting position
 - Choose a position where the mark will not have any effect on the product.
 - Select a location that is as flat as possible for the punch to contact, and install the punch perpendicular to that surface.
- Fasten the punch using a bolt. The punch tip should protrude 0.25mm from the mounting surface. (Depth of character engraved in product: 0.25mm)

RoHS

Catalog No. Type	Number of characters	Mounting bolt
TCPTS	1M (1 character) 2M (2 characters) 3M (3 characters)	M5
TCPTL	2M (2 characters) 3M (3 characters)	M8

Equivalent to SKD11 60~63HRC

A	B	C	M×P	d	h	W	Y	Number of characters	D _{m6}	Mounting bolt	Catalog No. Type	Number of characters	D	L	1° increments G	CHR Character	Base unit price 1~4 pieces	
3.5	5.2	—	M6×P1.0	9	10	4	6	1M	+0.021 +0.008	M5	TCPTS	20	20	20	1~10°	0 1 2 3 4 5 6 7 8 9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	Quotation	
5.5	4	—				6	8	24				24						
3.5	4.75	5.6				4	5.5	2M				20						20
5.5	4	8				6	8	24				24						
5.5	4	5	M10×P1.5	13.5	7	4	6	3M	M8	TCPTL	24	24	24	24	R			
5.5	4	8				5.5	5.5	2M			24					24		
4.5	5.8	8	M10×P1.5	13.5	7	3.3	5	3M	M8	TCPTL	24	24	24	24	L			
4.5	6	5				3.3	5	3M			24					24		

Order Catalog No. — L — G — CHR
TCPTS1M20 — 25 — G3 — L
TCPTL3M24 — 20 — G10 — R4L

Days to Ship Quotation

Price Quotation

Example Can be used to engrave character(s) on a slanted surface such as a casting die.

Shims

Used for	Type	No.	D ₁	A
TCPB	TCIM	16	14	1.5
TCPBW		20	18	3.5
TCPBT	TCIMT	24	22	5.5
TCPBWT		20	18	2.5
		24	22	4.5

SUS304 RoHS

Catalog No. Type	No.	T	Base unit price 1~4 pieces
TCIM TCIMT	(16)	0.05	Quotation
		0.1	
		0.2	
		0.3	
		0.5	
		1.0	
		2.0	
24	0.1	Quotation	
0.2			
0.3			
0.5			
1.0			

Order Catalog No. — T
TCIM 16 — 0.05

Days to Ship Quotation

Price Quotation

(16) is available for TCIM only.
The numbers in the "No." column in the table represent the nominal outside diameters for TCPB·TCPBT·TCPBW·TCPBWT.