

# JECTOR PUNCHES WITH LOCATING DOWEL HOLES

— FINISHED FOR RETAINERS · RW COATING —



Calculating the projection length of the jector pin (reference value) P.241

- For details of jector holes, refer to Jector Punch Blanks. P.236
- For details of jector pins, refer to Jector Pin Sets. P.241

The tip shape can be selected from Tip shape A~G in the figure below.

D	d
10~32	6
38~45	10

The tip edges are very slightly rounded. Tip length (B) X>L>S

Tip shape A

Tip shape D

Tip shape R

Tip shape E

Tip shape G

Catalog No.	Type	D	0.01mm increments								L	B	H			
			A		D R E G		R									
		min.		P max.		P·Kmax.		P·Wmin.								
RW-SJ□S-C Spring reinforced type RW-SJV□S-C	S	10	60	70	80	90	100	110	120	3.00	9.99	9.97	3.00	0.15 ≤ R < W/2 (R only)	13	13
		13	60	70	80	90	100	110	120	6.00	12.99	12.97	6.00			16
		16	(60)	70	80	90	100	110	120	10.00	15.99	15.97	6.00			19
		20	(60)	70	80	90	100	110	120	13.00	19.99	19.97	6.00			23
		25	(60)	70	80	90	100	110	120	18.00	24.99	24.97	6.00			28
RW-SJ□L-C Spring reinforced type RW-SJV□L-C	L	10		70	80	90	100	110	120	3.00	9.99	9.97	3.00	0.15 ≤ R < W/2 (R only)	19	13
		13		70	80	90	100	110	120	6.00	12.99	12.97	6.00			16
		16		70	80	90	100	110	120	10.00	15.99	15.97	6.00			19
		20		70	80	90	100	110	120	13.00	19.99	19.97	6.00			23
		25		70	80	90	100	110	120	18.00	24.99	24.97	6.00			28
RW-SJ□X-C Spring reinforced type RW-SJV□X-C	X	10			80	90	100	110	120	6.00	9.99	9.97	6.00	0.15 ≤ R < W/2 (R only)	30	13
		13			80	90	100	110	120	6.00	12.99	12.97	6.00			16
		16				100	110	120	10.00	15.99	15.97	6.00	19			
		20				100	110	120	13.00	19.99	19.97	6.00	23			
		25				100	110	120	18.00	24.99	24.97	6.00	28			

- The spring constant of RW-SJV□□-C is as twice that of RW-SJ□□-C.
- L(60)→B=13 If full length is (60), tip length is 13mm in all cases.
- A: P>D-0.03→ℓ=0 If P>D-0.03 for a round punch, D-0.03 (press-in lead) is not included.
- D R E G: P·K>D-0.05→ℓ=0 If P·K>D-0.05 for a shaped punch, D-0.03 (press-in lead) is not included.

Order  -  -  -  -   
RW-SJDS-C25 - 100 - P30.00 - W18.00

Days to Ship **Quotation**

**Effect of spring reinforced type**  
The spring constant is twice that of a standard type jector punch. The large spring load results in more effective scrap removal.

**Effects of RW coating**  
Effective for press processing of ultra-high-tensile material and thick plate high-tensile material thanks to its superior wear resistance, peeling resistance and heat resistance. See the product data for details. P.1607

Alterations  -  -  -  -  - (BC·HC·TC...etc.)  
RW-SJAS-C25 - LC95 - P18.05 - HC27

Alterations	Code	A	D R E G	1Code
Alterations to tip	PC WC	Tip dimension change PC ≥ PCmin 0.01mm increments	Tip dimension change PC·WC ≥ PC·WCmin 0.01mm increments	Quotation
	BC	Tip length change (shorter than standard) 2 ≤ BC < B 0.1mm increments		
	PRC	Rounding of tip side edge 0.3 ≤ PRC ≤ 1 0.1mm increments PRC ≤ (P-d)·0.5/2 d: dimension P.236		
Alterations to full length	LC	Full length change (reduction in tip length) LC < L 0.1mm increments Tip length B is reduced by (L-LC). (If combined with LKC, 0.01mm increments can be selected.)		Quotation
	LKC	Full length tolerance change L+0.3/0 → +0.05/0		
Alterations to head	KC	Addition of single key flat to head	Key flat position change 90°/180°/270° 1° increments	Quotation
	WKC	Addition of double key flats in parallel	Double key flats in parallel Can be combined with KC.	
	KFC	Double key flats at 0° and a selected angle 1° increments	Double key flats at 0° and a selected angle 1° increments	

**P** Price **Quotation**

Alterations	Code	A	D R E G	1Code
Alterations to head	NKC	No key flat		Quotation
	HC	Head diameter change D ≤ HC < H 0.1mm increments Cannot be used for retainer set products		
	TC	Head thickness change 3.5 ≤ TC < 5 0.1mm increments Full length L is shortened by (5-TC). If combined with LC, full length is equal to LC. Cannot be used for retainer set products		
	TCC	Chamfering of head This improves the strength of the punch head. P.1611 0.1mm increments 0.5 ≤ TCC ≤ (H-D)/2		
Alterations to shank	AC	The jector pin is removed to create an air path and the side vent hole is plugged from the inside by inserting a resin (ABS) ring.		Quotation
	NC	The jector pin is removed. Cannot be combined with AC.		
	TPC	Dowel pin change MS6-25 that comes with the product is changed to MSTP6-25 (tapped type).		
	NDC	No press-in lead ℓ ≥ 3 → ℓ = 0		

PUNCHES