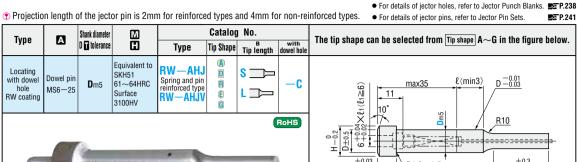
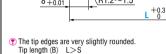
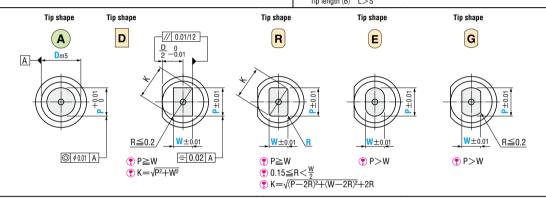
JECTOR PUNCHES FOR HEAVY LOAD WITH DOWEL HOLES











Catalog No.											U.U1mm increments									
			with		ł				L				A	DR	E G	B	В	Н		
Туре	Tip Shape	B Tip length	dowel hole	D									min. P max.	P∙Kmax.	P•Wmin.	R				
	A D R E G		C	10	(60)	70	80	90	100	(110)	(120)	(130)	5.00 ~ 9.99	9.97	5.00	13	15			
				13	(60)	70	80	90	100	(110)	(120)	(130)	$6.00\sim12.99$	12.97	6.00	6.00 <u>2</u>	13	18		
				16	(60)	70	80	90	100	(110)	(120)	(130)	$10.00 \sim 15.99$	15.97	6.00		:	21		
							20	(60)	70	80	90	100	(110)	(120)	(130)	$13.00 \sim 19.99$	19.97	6.00	<u>=</u> 19	19
RW—AHJ				25	(60)	70	80	90	100	(110)	(120)	(130)	18.00 ~ 24.99	24.97	6.00 ≥ ∞		30			
Spring and pin reinforced type RW—AHJV				10	(60)	70	80	90	100	(110)	(120)	(130)	5.00 ~ 9.99	9.97	5.00	V	19	15		
				13	(60)	70	80	90	100	(110)	(120)	(130)	$6.00\sim12.99$	12.97	6.00	VII	19	18		
				16		70	80	90	100	(110)	(120)	(130)	$10.00 \sim 15.99$	15.97	6.00	0.15		21		
				20		70	80	90	100	(110)	(120)	(130)	13.00 ~ 19.99	19.97	6.00		25	25		
				25		70	80	90	100	(110)	(120)	(130)	$18.00 \sim 24.99$	24.97	6.00			30		

- The spring constants of RW-AHJV are twice those of RW-AHJ.
- L(60)····B=8 If full length is (60), tip length is 8mm in all cases.
- (a): $P > D 0.03 \cdots \ell = 0$ If P > D 0.03 for a round punch, $D_{-0.03}^{-0.01}$ (press-in lead) is not included.
- **?** \blacksquare **® © :** P•K>D-0.05···· ℓ =0 If P•K>D-0.05 for a shaped punch, D $_{-0.03}^{-0.01}$ (press-in lead) is not included.
- ⊗ L(110), (120) and (130) cannot be used for spring and pin reinforced types.



RW-AHJDS-C 25 - 80 - P18.00 - W10.00



Days to Ship Quotation

■Effect of spring and pin reinforced type

The spring constant is twice that of the standard type, resulting in improved scrap removal. In addition, the improved strength under the pin head prevents breakage below the head.

■Effects of RW coating

Effective for press processing of ultra-high-tensile materia and thick plate high-tensile material thanks to its superior wear resistance, peeling resistance and heat resistance. For details, see the product data **№ P.1607**





	Alterations			A	DREG	1Code
:	Alterations to tip	BCBB	вс	Tip length change (shorter 2≦BC <b 0.1mm="" inc<="" th=""><th></th><th></th>		
;	Alteratio	PRC±0.1	PRC	Rounding of tip side edge 0.3≦PRC≤1 0.1mm increments PRC≤(P−d1−0.5)/2 d1 dimension ►P.238		notation
:	o full length	LC L	LC		bined with LKC, 0.01mm f.)	Ono
:	Alterations to full length	L D	LKC	Full length tolerance change	$L^{+0.3}_{0} \Leftrightarrow {}^{+0.05}_{0}$	

ı	Alterations	Code	(A)	DREG	1Code				
Alterations to head		KC	Addition of single key flat to head	0° Key flat position change 1° increments					
		WKC	Addition of double key flats in parallel	Double key flats in parallel Can be combined with KC.					
		KFC	0°- 180° 180° at 0° and a selected angle 1° increments ★ Cannot be combined with KC - WKC.	Double key flats 180° at 0° and a selected angle 1° increments Cannot be combined with KC-WKC.	(la)				
		NKC		No key flat	otatic				
Alterations to shank		AC	AIR	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.	Ö				
		NC		The jector pin is removed. Cannot be combined with AC.					
	\bar{\bar{\bar{\bar{\bar{\bar{\bar{	TPC	Dowel pin change MS6—25 that comes with the product is changed to MSTP6—25 (tapped type).						
	P D = 0.01	NDC	No press-in lead ℓ≥3 ⇔ ℓ	=0					



■Uses of punches with locating dowel holes······

This type of punch is mainly used with dies for parts such as automobile bodies. in combination with a retainer that holds the punch.

Rather than indirect positioning using the retainer dowel hole, these punches can be positioned directly using the dowel hole machined on the punch axis, improving die accuracy.

These punches are particularly effective when used for die machining with NC machines.

This type of punch can be also used with dies for the external panels of electrical appliances, either in combination with a retainer, or attached to the punch plate of an ordinary progressive die.





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