			Catalog N	0.									P·K	P·W	В	Tapped
		Type			Shape	D				L			max.	min.		M
						4							3.90	2.00		_
		TICN	WDC®			5	(40)	50 60	70	80			4.90	2.00	8	3
	—Normal—	TiCN coating	WPC® treatment	—HW coating—	2H∼12H	6							5.90	2.00		3
D 4~25	SP		W-SP		2J∼18J	8							7.90	2.00		4
D 4~25	SH	H-SH	W-SH	HW-SH	3K∼29K	10							9.90	2.50	13	5
D 4~25	PH	H-PH	W-PH	HW-PH	2L∼7L	13	(40) (50) 6 0	70	80	on	100	12.90	3.00		
D10~45	SP-C		W-SP-C		8L (With locating only)	16	(40) (JU) UU	70	00	30	100	15.90	4.00		6
D10~25		H-SP-C		HW-SP-C	dowel hole down	20							19.90	5.00		U
D 5∼25	AP	H-AP	W-AP	HW-AP	Tip shape	25							24.90	6.00	19	
D 5∼25	APH	H-APH	W-APH	HW-APH	Select from the	32			70	80	90	100 110 120	31.90	7.00	19	
D 5∼25	MP		W-MP		shapes shown on P.715.	38				80	90	100 110 120	37.90	8.00		_
						45				UU	30	100 110 120	44.90	9.00		

The tip end of a TiCN coating punch is ground before the coating is applied.

L(40) → For heavy-load punches, full length (40) cannot be selected.

• If full length is (40) for punches other than heavy-load punches, tip length is 6mm in all cases.

• L (50) →• If full length is (50) for heavy-load punches, tip length is 8mm in all cases.

• If full length is (50) for punches other than heavy-load punches, tip length is 13mm in all cases.

For TiCN coating, WPC® treatment, and HW coating types, 10J-13J-5K-10K-18K cannot be used.



Catalog No. | — | L

- P·W·A·B·C·Q·R·S···0.01mm increments

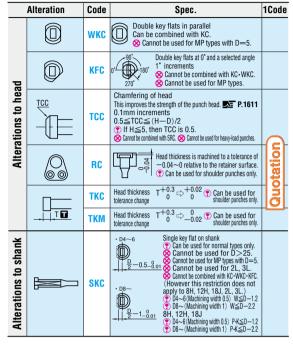
- 80 - P18.00-W16.00-A8.00 W-SP29K 10 - 80 - P7.00 - W5.00







	Alteration	Code	Spec.	1Code			
Alterations to tip	BC BC	ВС	Tip length change 2≦BC≦Bmax. 0.1mm increments 1 Full length Limusth eat least 37mm 3.00 ~ 3.99 19 3.00 ~ 3.99 19 4.00 ~ 4.99 25 5.00 ~ 5.00 ~ 30 19 4.00 ~ 4.99 25 5.00 ~ 5.00 ~ 30 19 4.00 ~ 4.99 25 5.00 ~ 5.00 ~ 30 10 4.00 ~ 4.99 25 5.00 ~ 5.00 ~ 30 10 4.00 ~ 4.99 25 5.00 ~ 5.00 ~ 5.00 ~ 30 10 4.00 ~ 10 10 10 10 10 10 10				
Alt	M	PKC	Tip tolerance change $ P \cdot W \pm 0.01 \ \ \Leftrightarrow \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $				
Alterations to full length	LC	LC	Full length change 37+8 (BC) ≦LC < L 0.1 mm increments If difference between full length and tip length is 37mm If D≥32 for 3J~13J~16J~K·L, tip length 18 is as indicated in the table below. L(LC) Bmax Bmax L(LC) Bmax Bmax	on on			
		LKC	Full length tolerance change L +0.3 ⇒ +0.05 0	Jotati			
	<u>- LO</u>	LKZ	Full length tolerance change L+0.3 > +0.01	ð			
Alterations to head	<u> - 외</u>	нс	Head diameter change D≦HC <d+3 0.1mm="" be="" cannot="" for="" heavy-load="" increments="" punches.<="" th="" used="" ⊗=""><th></th></d+3>				
	TC TC	TC	Head thickness change 2≦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 heavy-load punches.				
	KC 0° 180 180 180 180 180 180 180 180 180 180						





Quotation

718 717