JECTOR STRAIGHT PUNCHES

Details of jector hole, refer to JECTOR BLOCK PUNCH BLANK P.461

RoHS

●Tip machining limit

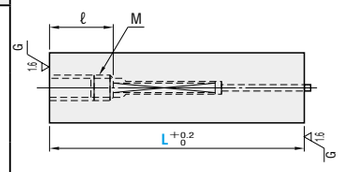
Tip shape	Tip shape	Tip shape	Tip shape
D	R	E	G
W≦P R=0 can be selected.	W≦P 0.15≦R<W/2 W−2R≧1 0.01mm increments	W<P	W<P

P≦10	P−W≧1
10<P≦20	P−W≧2
20<P≦30	P−W≧3

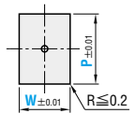
P≦10	P−W≧1
10<P≦20	P−W≧2
20<P≦30	P−W≧3

Tapped

M H	Catalog No. Type	Tip shape
Equivalent to SKD11 60～63HRC	HJMC	R E G
Equivalent to SKH51 61～64HRC	HSJMC	
Powdered high-speed steel 64～67HRC	PHJMC	

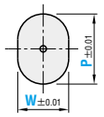


Tip shape D

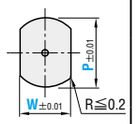


Tip shape R

Tip shape E



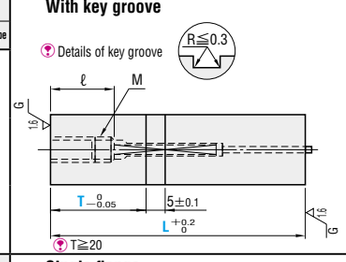
Tip shape G



With key groove

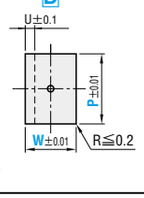
M H	Catalog No. Type	Tip shape
Equivalent to SKD11 60～63HRC	HJKC	R E G
Equivalent to SKH51 61～64HRC	HSJKC	
Powdered high-speed steel 64～67HRC	PHJKC	

Details of key groove

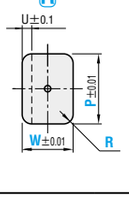


T≧20

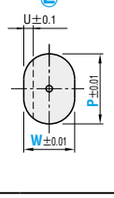
Tip shape D



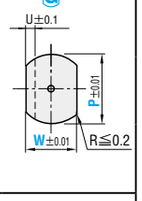
Tip shape R



Tip shape E



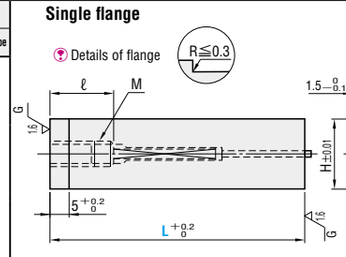
Tip shape G



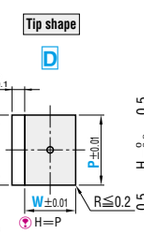
Single flange

M H	Catalog No. Type	Tip shape
Equivalent to SKD11 60～63HRC	HJFC	R E G
Equivalent to SKH51 61～64HRC	HSJFC	
Powdered high-speed steel 64～67HRC	PHJFC	

Details of flange

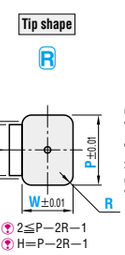


Tip shape D



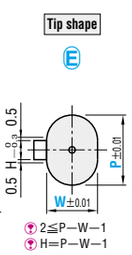
H=P

Tip shape R



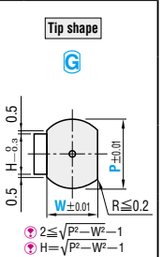
2≦P−2R−1
H=P−2R−1

Tip shape E



2≦P−W−1
H=P−W−1

Tip shape G

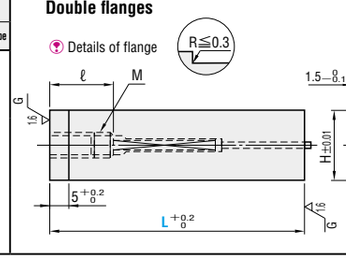


2≦√(P²−W²)−1
H=√(P²−W²)−1

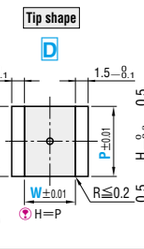
Double flanges

M H	Catalog No. Type	Tip shape
Equivalent to SKD11 60～63HRC	HJWC	R E G
Equivalent to SKH51 61～64HRC	HSJWC	
Powdered high-speed steel 64～67HRC	PHJWC	

Details of flange

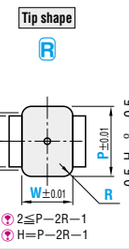


Tip shape D



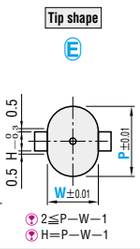
H=P

Tip shape R



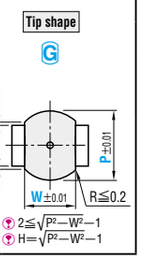
2≦P−2R−1
H=P−2R−1

Tip shape E



2≦P−W−1
H=P−W−1

Tip shape G

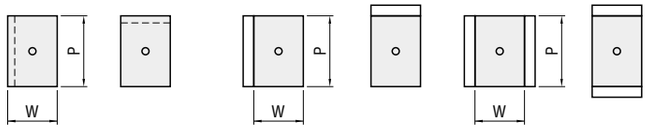


2≦√(P²−W²)−1
H=√(P²−W²)−1

Catalog No. Type	Tip shape	L	W \ P	5.00～10.00	10.01～15.00	15.01～20.00	20.01～25.00	25.01～30.00	0.1mm increments T	M	ℓ	U
Tapped HJMC HSJMC PHJMC	R E G	40	5.00～6.00	○	○	○	○	○	T≧20	4	12	1.0
		50	6.01～8.00	○	○	○	○	○		5		
		60	8.01～10.00	○	○	○	○	○		6		1.5
With key groove HJKC HSJKC PHJKC		70	10.01～15.00		○	○	○	○		8		
		80	15.01～20.00			○	○	○				
Single flange HJFC HSJFC PHJFC			20.01～25.00				○	○				
Double flanges HJWC HSJWC PHJWC												

■Key groove position specified ■Flange position specified

K0 K90 F0 F90 WF0 WF90



Tip shape E G Can be selected for F0・WF0 only.

For F90 or WF90, H dimension is as shown below.

Tip shape : H=W

Tip shape R: 2≦W−2R−1
H=W−2R−1

Order

Catalog No. — L — P — W — R (R only) — T≧20 — K・F・WF

HJKCD — 80 — P15.00 — W7.25 — T28.5 — K0

Days to Ship Quotation

Price Quotation

Alterations

Catalog No. — L(LC) — P — W — R — T — K — (PKC, etc.)

HJKCE — LC65.5 — P6.00 — W5.00 — T28.5—K0 — PKC

Alteration		Code	Spec.	1Code
Alterations to tip		PKC	Tip tolerance change P・W±0.01⇨+0.01 0	
		PKV	Tip tolerance change P・W±0.01⇨±0.005	
Alterations to full length		LC	Full length change 30≦LC<L 0.1mm increments (If combined with LKC・LKZ, 0.01mm increments can be selected.)	Quotation
		LKC	Full length tolerance change L +0.3 0⇨+0.05 0	
		LKZ	Full length tolerance change L +0.2 0⇨+0.01 0	
Alterations to key groove		TKC	Key groove position tolerance change T −0.05 0⇨−0.02 0	
		RTC	Key groove position tolerance change T −0.05 0⇨+0.05 0	
		UK	Key groove depth change Can be used for key groove types. 0.5≦UK≦U+0.2 0.1mm increments Can be used for W−UK≧10(K0) P−UK≧10(K90).	

Alteration		Code	Spec.	1Code
Alterations to flange		HC	Flange width change 0≦HC<1.5 0.1mm increments	Quotation
		TC	Flange thickness change 3.5≦TC<5 0.1mm increments (If combined with TKC, 0.01mm increments can be selected.) Full length L is shortened by (5−TC). If combined with LC, full length is equal to LC.	
		TKC	Flange thickness tolerance change T +0.2 0⇨+0.02 0	
		TKM	Flange thickness tolerance change T +0.2 0⇨0 −0.01	
		FK	Relief chamfering to flange top edge Flange edge is chamfered to prevent flange breakage.	
Alterations to shape		JVC	Change of spring to reinforced type 6.01≦W≦25.00⋯Can be used for L≧60. Cannot be used for W≦6.00.	
		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.	
		NC	The jector pin is removed. Cannot be combined with AC.	
		CCN	Chamfering to shank (4 positions) 5≦CCN≦L 1mm increments Can be used for tip D shape only. Cannot be used for tapped types with P・W−M<2. Flange side of flanged punch becomes CCN−T(TC).	