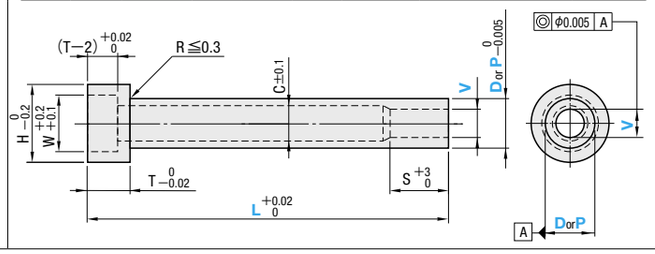
STRAIGHT CORE SLEEVES

—S DIMENSION FIXED TYPE—

Non JIS material definition is listed on P.1351 - 1352

RoHS

M	H HRC	Group	T			Type			
						Shaft Diameter (D) Selection Type		Shaft diameter (P) designation type	
			D or P	L	V	4mm head	6mm head	4mm head	6mm head
SKH51 equivalent	58～60	Standard	0 −0.005	+0.02 0	+0.01 0	CSHL4T	CSHL	CSHB4T	CSHB
NAK80	37～43					CSGL4T	CSGL	CSGB4T	CSGB
SKH51 equivalent	58～60	Precision			+0.005 0	CSV4T	CSV	CSVB4T	CSVB
NAK80	37～43					CSGLV4T	CSGLV	CSGBV4T	CSGBV



■Counterbore Hole Diameters

W dimension is determined depending on V dimension.

W	V
3	0.60～1.50
4	1.51～2.00
5	2.01～2.50
6	2.51～3.00
7	3.01～4.00
8	4.01～5.00
9	5.01～6.00
10	6.01～7.00
11	7.01～7.50

■Shaft Diameter (D) Selection Type

H	S	C	Part Number Type 4mm head	Part Number Type 6mm head	D	L	0.01mm increments V Standard	0.01mm increments V Precision
7	Default S=(V×3)	C=V+(0.2～0.4)	Standard Type CSHL4T CSGL4T	Standard Type CSHL CSGL	3	15.00～ 60.00	—	0.60～1.90
8					4	15.00～ 60.00	0.80～2.50	0.60～2.90
9					5		1.00～3.50	0.60～3.90
10	When L<V×3+(T−2) S=L/2−(T−2)				6	15.00～100.00	1.00～4.50	0.60～4.90
11			Precision Type(3≦D≦6) CSV4T CSGLV4T	Precision Type(3≦D≦6) CSV CSGLV	7	20.00～100.00	1.00～5.50	—
12					8		2.00～6.50	
14					9	30.00～100.00	2.00～7.50	

■Shaft Diameter (P) Designation (0.01mm increments) Type

H	S	C	Part Number Type 4mm head	Part Number Type 6mm head	No.	L	0.01mm increments V Standard	0.01mm increments V Precision	P
7	Default S=(V×3)	C=V+(0.2～0.4)	Standard Type CSHB4T CSGB4T	Standard Type CSHB CSGB	3	15.00～ 60.00	—	0.60～1.89	2.00～2.99
8					4	15.00～ 60.00	0.80～2.49	0.60～2.89	3.00～3.99
9					5		1.00～3.49	0.60～3.89	4.00～4.99
10	When L<V×3+(T−2) S=L/2−(T−2)				6	15.00～100.00	1.00～4.49	0.60～4.89	5.00～5.99
11			Precision Type(3≦No.≦6) CSVB4T CSGBV4T	Precision Type(3≦No.≦6) CSVB CSGBV	7	20.00～100.00	1.00～5.49	—	6.00～6.99
12					8		2.00～6.49		7.00～7.99
14					9	30.00～100.00	2.00～7.49		8.00～8.99

Precision Type ··· V≦P−1.1 Standard Type ··· V≦P−1.5

Order

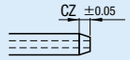
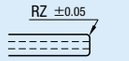
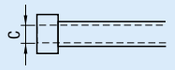
Part Number	L	V	P
CSHB5	60.00	V1.00	P4.00
CSV 5	60.00	V2.00	
CSVB5	60.00	V2.00	P4.99

Days to Ship: Quotation

Price: Quotation

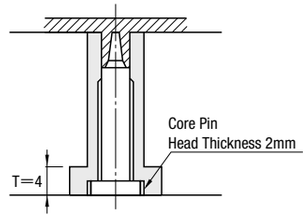
Alterations

Part Number	L	V	P	(CZ・RZ・WN)
CSHB5	60.00	V1.00	P4.00	WN
CSV 5	60.00	V2.00		CZ0.3
CSVB5	60.00	V2.00	P4.99	RZ0.5

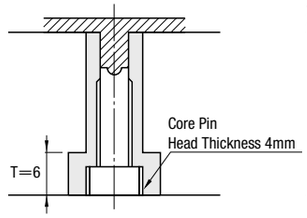
Alterations	Code	Spec.	1Code
	CZ	Performs C chamfering on the tip. CZ=0.1mm increments 0.1≦CZ (DorP)−V / 2 ⊗ Combination with RZ not available.	Quotation
	RZ	Performs R chamfering on the tip. RZ=0.1mm increments 0.2≦RZ (DorP)−V / 2 ⊗ Combination with CZ not available.	
	WN	No counterbore on the head	

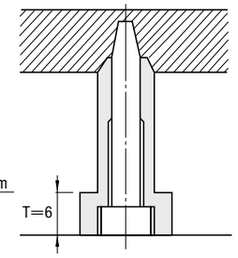
Example

—Head Thickness 4mm—



—Head Thickness 6mm—





■Characteristics

Precision

In order to obtain the V dimension accuracy, inside surface grinding is applied.

Head Thickness 4 mm

A straight core sleeve 4-mm thick head type is a standard type that matches a core pin standard counterbore dimension of 4 mm.
It is possible to unify the counterbore of the head thickness to 4 mm.
For the core pin that is used set inside the core sleeves, either use alteration "Head thickness change (TC2)", or use a head thickness of 2 mm.