

DIN Type
1.2344 equivalent
+
Nitrided

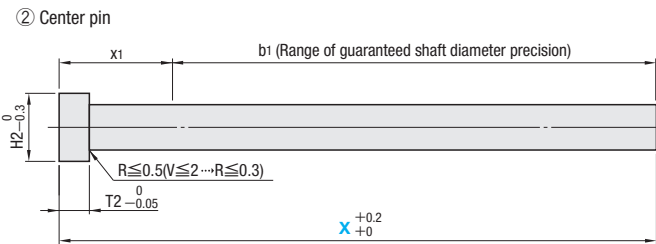
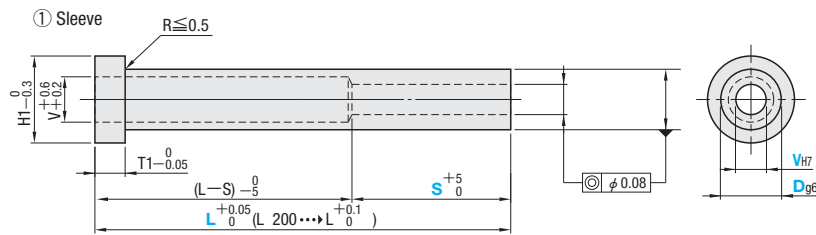
DIN Type
1.2344 equivalent
+
Hardened

STRAIGHT EJECTOR SLEEVES & STRAIGHT CENTER PIN SETS

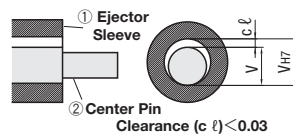


Part No.	M	H
D-ESNP	① 1.2344 equivalent + Nitrided	Surface: 900HV Base Material: 40±3HRC
	② 1.2344 equivalent + Nitrided	Surface: 900HV Base Material: 40±3HRC
D-ESDP	① 1.2344 equivalent	Base Material: 50~55HRC
	② 1.2344 equivalent	Base Material: 50~55HRC

Ⓜ Nitriding may extend to the head as it is applied after dimension V and D machining.
Ⓜ To add fitting processing, not applicable to combination with other than sets.



Clearance (cℓ) between the ejector sleeve's internal diameter (VH7) and the center pin's shaft diameter (V).



T VH7 Dimension

V (sleeve)	Tolerance
2.0~ 3.0	+0.010 0
3.1~ 6.0	+0.012 0
6.1~10.0	+0.015 0
10.1~16.0	+0.018 0

Range of guaranteed shaft diameter precision (b1=L-x1)
x1 max.40

H1	T1	Part No.		L		V 0.1mm increments	S 1mm increments	X 5mm increments		
		Type	D	0.01mm increments	0.1mm increments					
8	3	D-ESNP (1.2344 equivalent + Nitrided)	4	40.00~200.00	-	1.5~2.5	20~100 (D4, D4.5 When V1.5~V1.9 20~40)	X≥L+20 and X≤L+100		
			4.5			1.5~3.0				
10	5		40.00~300.00	2.0~3.5						
	5.5			2.0~4.0						
12	5		6	40.00~450.00		2.0~4.5				
			6.5			2.0~4.5				
			7			2.0~5.0				
			7.5			2.0~5.5				
			8			2.0~6.0				
14	7		D-ESDP (1.2344 equivalent Hardened)	70.00~500.00		9			2.5~7.0	20~100 (L-S)≥50
		10			2.5~8.0					
		12			2.5~10.0					
16	7	15		500.1~800.0	2.5~12.0					
		16			3.0~13.0					
18	7	20		100.00~500.00	3.0~16.0					
		22			3.0~16.0					
26	8									

Head diameter/thickness of center pin

H2	T2	V (Center pin)
3	1.5	1.5
4	2	1.6~ 2.0
5		2.1~ 2.5
6	3	2.6~ 3.0
7		3.1~ 3.5
8		3.6~ 4.5
10	5	4.6~ 5.5
12		5.6~ 6.5
14		6.6~ 8.0
16		8.1~10.0
18	7	10.1~12.0
22		12.1~16.0



Order

Part No. - L - V - S - X
D-ESNP10 - 250.00 - 6.5 - S80 - X360



Alterations

Part No. - L - V - S - X - (KC · WKC...etc.)
D-ESNP10 - 150.3 - 2.5 - S60 - X215 - HC14

Alteration details P.4

Ejector Sleeves