

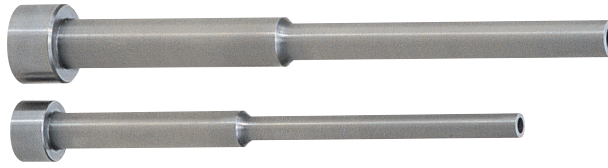


DIN Type
SKD61 equivalent
+
Nitrided

DIN Type
SKD61 equivalent
Hardened

STEP EJECTOR SLEEVES

—◎0.08 DIMENSIONS SPECIFY TYPE—



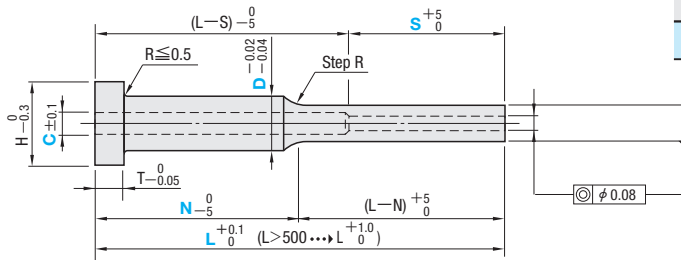
Part No.	Material	Surface	Tolerance	Applicable center pin shaft diameter tolerance
D-ESNF	SKD61 equivalent+Nitrided	Surface: 900HV Base Material: 40±3HRC	g6 H7	*Please note that the ejector sleeve with a V dimension tolerance of H7 has a long precision fitting portion S and is not suitable for use with a center pin with a shaft diameter tolerance of -0.005.
D-ESDF	SKD61 equivalent	Base Material: 50~55HRC		

T Pg6

P ≤ 6	6.5 ≤ P ≤ 10	12 ≤ P ≤ 16	P = 20
-0.004 -0.012	-0.005 -0.014	-0.006 -0.017	-0.007 -0.020

T VH7

V ≤ 3.0	3.1 ≤ V ≤ 6.0	6.1 ≤ V ≤ 10.0	V ≥ 10.1
+0.010 0	+0.012 0	+0.015 0	+0.018 0



Dimension C remains unchanged

- ⚡ Nitriding may extend to the head as it is applied after dimension V, D and P machining.
- ⚡ When the diameter (D) portion of the stepped center pin is inserted into the relief hole (C) of D-ESNF, D-ESDF type, make sure [relief hole (C) ≥ pin diameter (D) + 1.0]

Ejector Sleeves

H	T	Part No. Type	D	L		V	P	C	Cmax.	N	S
				0.1mm increments	0.1mm increments						
10	3	D-ESNF (SKD61 equivalent + Nitrided)	5	50.00~300.00	-	2.0~ 3.0	3.50~ 4.95	C ≥ V+0.5 and C ≤ P-1.0	3.5	N ≥ L/3	20~100
			5.5			2.0~ 3.5	3.50~ 5.45		4.0		
6	2.0~ 4.0		4.00~ 5.95	4.5							
6.5	2.0~ 4.5		4.00~ 6.45	5.0							
12	5	D-ESNF (SKD61 equivalent + Nitrided)	7	50.00~500.00	-	4.00~ 6.95	4.00~ 6.95	⚡ When L > 300 0.5mm increments	5.0	N ≥ L/3	20~100
			7.5			2.0~ 5.0	4.00~ 7.45		5.5		
8	2.5~ 5.5		5.00~ 7.95	6.0							
8.5	3.0~ 6.5		6.00~ 8.95	6.5							
14	5	D-ESDF (SKD61 equivalent Hardened)	9	70.00~500.00	500.1~800.0	3.5~ 7.5	6.00~ 9.95	C ≥ V+0.5 and C ≤ P-1.5	7.0	N ≥ L/3	20~100 (L-S) ≥ 50
16	10		4.0~ 8.5			7.50~ 11.95	8.0				
18	7	12	5.0~ 10.5	10.00~ 14.95		9.0					
22	7	15	5.0~ 11.5	12.00~ 15.95		11.0					
26	8	D-ESDF (SKD61 equivalent Hardened)	16	100.00~500.00	500.1~800.0	7.0~ 16.0	14.50~ 19.95	⚡ When L > 300 0.5mm increments	12.0	N ≥ L/3	20~100 (L-S) ≥ 50
			20			5.0~ 10.5	10.00~ 14.95		17.0		

⚡ Lower limit of P and V

L	D	5 · 5.5	6~7	7.5 · 8	9~20
L ≤ 300		P ≥ V+1.5	P ≥ V+1.5	P ≥ V+1.5	P ≥ V+2
L > 300 and (L-N) ≤ S		—	P ≥ V+3	P ≥ V+4	P ≥ V+4.5
L > 300 and (L-N) > S		—	P ≥ (V+3) and (P-C)/2 ≥ 0.75	P ≥ (V+4) and (P-C)/2 ≥ 0.75	P ≥ (V+4.5) and (P-C)/2 ≥ 0.75



Order

Part No. — L — V — P — C — N — S
D-ESNF 12 — 200.05 — V4.5 — P7.55 — C6.0 — N120 — S85



Price

Order / Quote:
WOS: <https://in.misumi-ec.com/>
TEL: +91-124-468-8800 E-mail: cs@misumi.co.in



Days to Ship

• D-ESNF (D ≥ 10)
• D-ESDF (D ≤ 10) • D-ESDF (D ≥ 12)
12 Days **15** Days **Quotation**



Alterations

Part No. — L — V — P — C — N — S — (KC · WKC · etc.) Alterations details ☞ P.68
D-ESDF 6 — 150.00 — V3.0 — P5.50 — C4.0 — N80 — S85 — KC3.5