

DIN Type
SKD61 equivalent
+
Nitrided

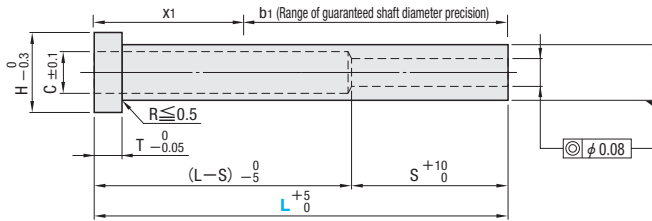
DIN Type
SKD61 equivalent
Hardened

STRAIGHT EJECTOR SLEEVES

—◎0.08 STANDARD TYPE—



Type	Material	Surface	Tolerance	Applicable center pin shaft diameter tolerance
D-ESN	SKD61 equivalent+Nitrided	Surface: 900HV Base Material: 40±3HRC	H7	*Note that for sleeves with V dimension tolerance of H7, combination with center pins that have shaft diameter tolerance -0.005 is not recommended. The reason for this is the fitting section S are longer.
D-ESD	SKD61 equivalent	Base Material: 50~55HRC	H7	

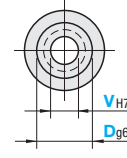


D_{g6}

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

V_{H7}

V ≤ 3	3.5 ≤ V ≤ 6	6.5 ≤ V ≤ 10	V ≥ 12
+0.010 0	+0.012 0	+0.015 0	+0.018 0



C = V + 0.5

Range of guaranteed shaft diameter precision (b₁ = L - X₁)
x₁ max.40

L	100	120	140	160	180	200	225	250	275	300	325	350	375	400	425	450	475	500
S	50 (V1.5 → 40)			75			100			115			150					

- ⊕ Nitriding may extend to the head as it is applied after dimension V and D machining.
- ⊕ The diameter (D) portion of the stepped center pin cannot be inserted into the relief hole (C).

H	T	Part No.		D	L										V									
		Type																						
8	3	D-ESN (SKD61 equivalent + Nitrided)	4	100	*125	*150													1.5					
				100	*125	*150	*175	*200												2	2.5			
				100	125	150															1.5			
				100	125	*150	175	*200													2	2.5		
				100	125	*150	*175	*200													2	2.5		
				100	125	*150	*175	*200	250	300											3	3.5		
	10		5	D-ESD (SKD61 equivalent Hardened)	4.5	100	125	*150	175	*200	250	300									2	2.5		
						100	125	*150	175	*200	250	300									2	2.5		
						100	125	*150	175	*200	250	300										3	3.5	
						100	125	*150	175	*200	250	300										2	2.5	
						100	125	*150	175	*200	250	300	350	*400	450							3	3.5	4
						100	125	*150	175	*200	250	300	350	*400	450							2.5		
12	5	D-ESN (SKD61 equivalent + Nitrided)	6	100	*125	*150	*175	*200	250	*300									2	2.5				
				100	*125	*150	*175	*200	250	*300	350	*400	450						3	3.5	4			
				100	125	150	175	200	250	300										2.5				
				100	125	*150	175	*200	250	300										2.5				
				100	125	150	175	*200	250	300	350	*400	450							3	4			
				100	125	150	175	*200	250	300	350	*400	450							3.5				
	14		7	D-ESD (SKD61 equivalent Hardened)	7	100	125	150	175	200	250	300	350	400	450						3	3.5		
						100	125	*150	175	*200	250	*300	350	*400	450						4	4.5	5	
						100	125	150	175	200	250	300										3		
						100	125	*150	175	*200	250	300	350									3.5	4.5	
						100	125	150	175	*200	250	*300	350									4	5	
						100	125	*150	*175	*200	250	*300	350	*400	450							4		
16	7	D-ESN (SKD61 equivalent + Nitrided)	8	100	125	150	175	200	250	300	350	400	450	500					4.5	5.5				
				100	125	*150	*175	*200	250	*300	350	*400	450	*500					5	6				
				100	125	150	175	200	250	300	350								3.5	4	4.5			
				100	125	*150	175	*200	250	*300	350	400	450	500					5	6.5				
				100	125	150	175	200	250	300	350	400	450	500					6					
				100	125	*150	175	*200	250	*300	350	400	450	*500					5	6	6.5			
	18		8	D-ESD (SKD61 equivalent Hardened)	9	100	125	150	175	200	250	*300	350	400	450	500				5.5				
						100	125	150	175	200	250	*300	350	400	450	*500				7				
						100	125	150	175	200	250	300	350	400	450						4	5		
						100	125	150	175	200	250	300	350	400	450	500				5	6.5	7		
						100	125	150	175	*200	250	*300	350	400	450	500				8	9			
						100	125	150	175	200	250	300	350	400	450	500				8	9			
22	8	D-ESN (SKD61 equivalent + Nitrided)	10						200	250	300	350	400	450	500			9						
																			10					
																				10	12			
																				10				
																				11				
																				12				
	26		8	D-ESD (SKD61 equivalent Hardened)	12															12				
																					15			
																						10		
																						11		
																						12		
																						15		



Part No. — L — V
D-ESN 6.5 — 120 — 2.5



Days to Ship
D-ESN (with*) Stock
D-ESN (without*) 12 Days
D-ESD 15 Days



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



Alterations
Part No. — L — V — (KC · WKC...etc.)
D-ESD 8 — 500 — 4.5 — KC4.5
D-ESN (with/without*) 12 Days
D-ESD 15 Days