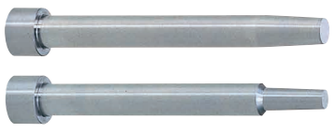
Dies Steel
SKD61 equivalent
＋
Nitrided

DIE CAST CORE PINS

—SHAFT DIAMETER (D) SELECTION TYPE—

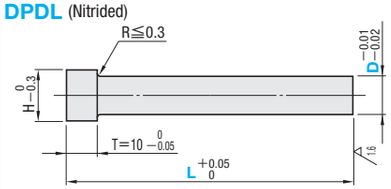
Non JIS material definition is listed on P.1351 - 1352

RoHS



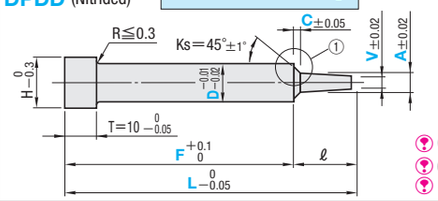
Part Number	M	S	H
DSPDL	SKD61 equivalent (DAC)	—	48±2HRC
DS□			
DPDL		Nitrided	Surface 900HV～ Base metal 48±2HRC
DPD□			

DSPDL
DPDL (Nitrided)



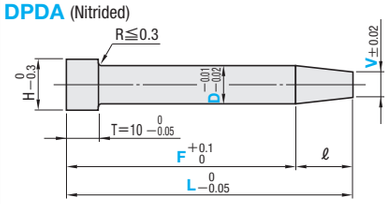
DSD
DPDD (Nitrided)

Select DSC・DPDC when C=(D−A)/2



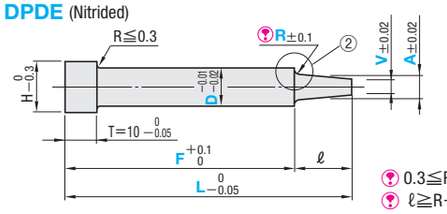
C<(D−A)/2
0.1≦C≦1.5
ℓ≧C+1.0

DSA
DPDA (Nitrided)



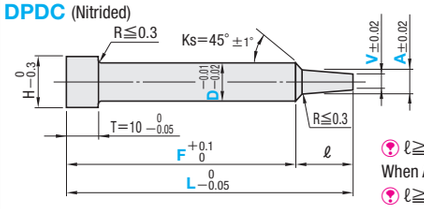
ℓ≧1.0

DSE
DPDE (Nitrided)



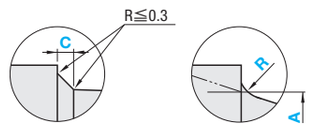
0.3≦R≦(D−A)/2
ℓ≧R+1.0

DSC
DPDC (Nitrided)



ℓ≧(D−A)/2+1.0
When AC code is used
ℓ≧(D−A)/(2tan AC)+1.0

Details of part ①　Details of part ②



H	Part Number Type	D	0.01mm increments L	F	A	Vmin.	0.1mm increments C・R	ℓmax.
8	(No Nitrided) DSPDL DSA DSC DSD DSE (Nitrided) DPDL DPDA DPDC DPDD DPDE	4	30.00 ～ 200.00	F≧10.00	D>A≧V	1.00	0.1≦C≦1.5 and C<(D−A)/2 (DSD DPDD) R≧0.3 and R≦(D−A)/2 (DSE DPDE)	45.00
9		5				1.50		
10		6				2.00		50.00
13		8						
15		10		No need to designate F, A, V, when DSPDL, DPDL are selected	No need to designate A when DSA, DPDA are selected			
17		12				2.50		
19		14						
21		16						
23		18						

Designation of R is available for DSE, DPDE only.　When L dimension is 100 or more, the head area is annealed.

Order

Part Number	L	F	A	V	C・R
DPDE6	38.00	F29.00	A3.00	V2.50	R0.5

Days to Ship　Quotation

Price　Quotation

Alterations

Part Number	L	F	A	V	C・R	(KC・WKC…etc.)
DPDE6	38	F29.00	A3.00	V2.50	R0.5	KC3.4

Alterations	Code	Spec.	1Code
KC 0 −0.1	KC	Single flat cutting KC=0.1mm increments D/2≦KC<H/2	Quotation
WKC 0 −0.1	WKC	Two flats cutting WKC=0.1mm increments D/2≦WKC<H/2	
RKC RKC 0 −0.1	RKC	Two flats (right angled) cutting RKC=0.1mm increments D/2≦RKC<H/2	
H HC 0 −0.3	HC	Head diameter change HC=0.1mm increments D≦HC<H In relation to the head diameter tolerance, alteration may create a straight piece with little difference between the head and shaft in diameter.	
TC 0 −0.05	TC	Head thickness change TC=0.1mm increments 4.0≦TC<10, 10−TC≦L max.−L (Dimensions L and F remain unchanged)	
AC°	AC	Changes the standard angle (Ks=45°). AC=1° increments 30≦AC≦60 Available for DSC, DPDC, DSD, DPDD only Working limits for DSD, DPDD A+2(C×tanAC°)<D	
RD	RD	Changes general R0.3 or less to R0.8～1.0. Available for DSC, DPDC, DSD, DPDD only D−A≧2.0 C≧1.0 for DSD, DPDD Combination with AC code not available	

Alterations	Code	Spec.	1Code
RZ ±0.1 *V ℓ	RZ	Tip R processing RZ=0.1mm increments *V is a dimension prior to R processing. 0.3≦RZ<V/2 Not available for DSPDL, DPDL	Quotation
RZ *V			
SR *V L 0 −0.1	BZ	Tip spherical (SR) processing. *V is a dimension prior to SR processing. BZ=SR=V/2 Not available for DSPDL, DPDL It will be L 0 −0.1	

Part Number	RZ・BZ max.
DSA,DPDA	ℓ−1.0
DSC,DPDC	ℓ−(1.0+(D−A)/2) * When AC code is used ℓ−(1.0+(D−A)/(2tanAC))
DSD,DPDD	ℓ−(1.0+C)
DSE,DPDE	ℓ−(1.0+R)

Key flat cutting (KC, WKC, RKC) tolerance is 0 −0.1
Tolerance 0 −0.1 remains unchanged when D/2 is designated to align to the shaft diameter.