


Locating Pin for Jigs & Fixtures

Standard (h7) & Tip Shape Selectable

Features: For Standard Grade, P dimension tolerance is ± 0.05 (for Precision Grade, ± 0.01 or ± 0.02), concentricity is 0.03 or 0.05 (for Precision Grade, 0.01 or 0.02).

Threaded



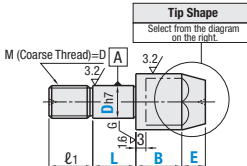
RoHS 10

Type	Material	Hardness
SELNNA Round	4137 Alloy Steel	Hardened 35-40 HRC min.
SELNND Diamond	4137 Alloy Steel or Equivalent	
TSELNNA Round	SCM415 Alloy Steel (JIS)	Carburized 55 HRC min. (Depth 0.7-0.8) Anti-Carburizing on Threads
TSELNND Diamond		

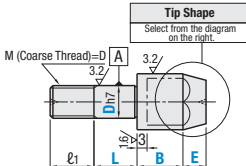
Reference: $\sin 15^\circ = 0.259$, $\tan 15^\circ = 0.267$ $\sin 30^\circ = 0.5$, $\tan 30^\circ = 0.577$ $\sin 45^\circ = 0.707$, $\tan 45^\circ = 1$

Type	Material	Hardness	Surface Treatment
D-SLNNNA Round	D2 Tool Steel Equivalent	55 HRC min. (Surface 3000 HV min.)	Dicoat® Treated
D-SLNNND Diamond			

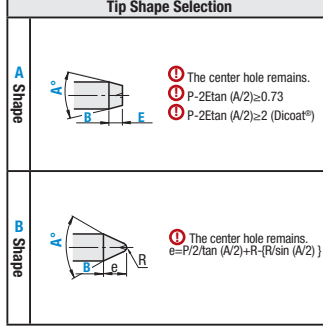
Hardened / Carburized



Dicoat® Treated



Tip Shape Selection



Part Number			P	B	L	A	E	ℓ ₁	R	W
Type	Tip Shape	D _{h7}	0.1 mm Inc.	1 mm Inc.	Selection	Selection	1 mm Increment			
Hardened (Round) SELNNA	A (Tapered)	6	8.0-12.0	2-30	5 8 10	*30	1-10	6	3	3
		8	10.0-16.0		5 8 10 12 15			10	4	3.5
		10	12.0-20.0		(5) (8) 10 12 15			12	5	4
		10T	14.0-25.0		(5) (8) 10 12 15			15	6	5
(Diamond) SELNND	B (Taper R)	12	14.0-25.0	(8) 10 12 15 18	90	120	15	6	6	
		16	18.0-32.0	(10) 12 15 18 20			18	8	8	
		20	22.0-35.0	12 15 18 20			22	8	9	

⊗ Angle A *30 is not applicable to Tip Shape B. Select from Standard Grade, No Shoulder **P.1542** ⊗ L dimension in () is not applicable to diamond shape and Dicoat® treatment.
 ⊕ B Dimension 5 mm - will be selected for Dicoat® Treated / TiCN Treated items. ⊕ D16, D20 not available for D-SLNNNA, D-SLNNND part types

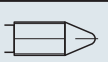



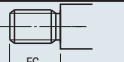
Part Number Example

Type	Tip Shape	D	P	B	L	A	E
SELNNA	A	16	P18.0	B21	L15	A60	E2

Threaded

Part Number Alterations


Type	Tip Shape	D	P	B	L	A	E	(KC, KD...etc.)
SELNNA	A	6	P8.0	B14	-	A30	E2	KD

Alterations	Grooves for Wear Sign	Flat Position	Flat Machining	Thread Diameter	Thread Length
					
Code	MK	KC	KD	MC	FC
Spec.	Machine 4 grooves on B Dimension. The wear and tear of the grooves indicate the degree of wear. ⊕ Applicable to Hardened, Carburized and Round Shape Products only. Groove Depth: 0.2mm (±0.05 mm) Groove Shape: V Groove (90°)	Ordering Code: KC Changes the flat position to 90° from the standard position 0°. ⊕ Applicable to Diamond shape only.	Ordering Code: KD Machining on one side. ⊕ Applicable to Round Shape Only.	Ordering Code: MC8 Changes the thread diameter. ⊕ D/3 ≤ M < D Mmin3 ⊕ Applicable to Threaded Type only	Ordering Code: FC15 Changes the thread length. FC=1 mm Increment D6-10 : M ≤ FC ≤ Mx3 D12, 16 : M ≤ FC ≤ Mx2.5 D20 : M ≤ FC ≤ Mx2 ⊕ Applicable to Threaded Type only ⊗ Not applicable to Dicoat® treatment and TiCN treatment.

Locating Pin for Jigs & Fixtures

Standard (h7) & Tip Shape Selectable

Set Screw Flat Type



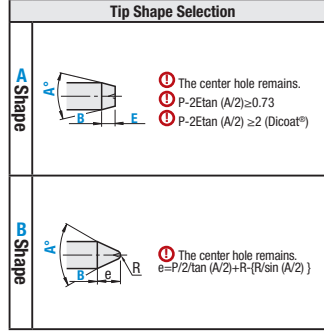
RoHS 10

Type	Material	Hardness
SELNTA Round	4137 Alloy Steel	Hardened 35-40 HRC
SELNTD Diamond	4137 Alloy Steel or Equiv.	
TSELNTA Round	SCM415 Alloy Steel	Carburized 55 HRC min. (Depth 0.7-0.8) Anti-Carburizing on Threads
TSELNTD Diamond		

Reference: $\sin 15^\circ = 0.259$, $\tan 15^\circ = 0.267$ $\sin 30^\circ = 0.5$, $\tan 30^\circ = 0.577$ $\sin 45^\circ = 0.707$, $\tan 45^\circ = 1$

Type	Material	Hardness	Surface Treatment
D-SLNTA Round	D2 Tool Steel Equivalent	55 HRC min. (Surface 3000 HV min.)	Dicoat® Treated
D-SLNTD Diamond			

Tip Shape Selection



Part Number			P	B	A	E	L	ℓ ₁	d	R	Applicable Set Screws	W
Type	Tip Shape	D _{h7}	0.1 mm Increment	1 mm Increment	Selection	1 mm Increment						
Hardened (Round) SELNTA	A (Tapered)	6	8.0-12.0	2-30	*30	1-10	5	8	4	3	M5	3
		8	10.0-16.0				5		4	M6		3.5
		10	12.0-20.0				7		5		M8	4
		10T	14.0-25.0				5		6	5		5
(Diamond) SELNTD	B (Taper R)	12	14.0-25.0	2-30	90	120	12	10	9	6	M8	6
		16	18.0-32.0				13		8	M8		8
		18	18.0-32.0				17		8		M8	8
		20	22.0-35.0				17		8	M8		9

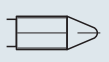


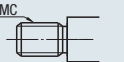

⊗ Angle A *30 is not applicable to Tip Shape B. Select from Standard Grade, No Shoulder **P.1542**
 ⊕ B Dimension is selectable from 5 mm - for Dicoat® Treated / Diamond Shape.
 ⊕ D16, D20 not available for D-SLNTA, D-SLNTD part types

Part Number Example

Type	Tip Shape	D	P	B	A	E
SELNTA	B	10	P14.0	B10	A60	

Part Number Alterations

Type	Tip Shape	D	P	B	A	E	(KC, KD...etc.)
SELNTA	A	6	P8.0	B14	A30	E2	KD

Alterations	Grooves for Wear Sign	Flat Position	Flat Machining	Thread Diameter	Thread Length
					
Code	MK	KC	KD	MC	FC
Spec.	Machine 4 grooves on B Dimension. The wear and tear of the grooves indicate the degree of wear. ⊕ Applicable to Hardened, Carburized and Round Shape Products only. Groove Depth: 0.2mm (±0.05 mm) Groove Shape: V Groove (90°)	Ordering Code: KC Changes the flat position to 90° from the standard position 0°. ⊕ Applicable to Diamond shape only.	Ordering Code: KD Machining on one side. ⊕ Applicable to Round Shape Only.	Ordering Code: MC8 Changes the thread diameter. ⊕ D/3 ≤ M < D Mmin3 ⊕ Applicable to Threaded Type only	Ordering Code: FC15 Changes the thread length. FC=1 mm Increment D6-10 : M ≤ FC ≤ Mx3 D12, 16 : M ≤ FC ≤ Mx2.5 D20 : M ≤ FC ≤ Mx2 ⊕ Applicable to Threaded Type only ⊗ Not applicable to Dicoat® treatment and TiCN treatment.