

Locating Pin for Jig

-Precision with Shoulder-

CAD Data

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

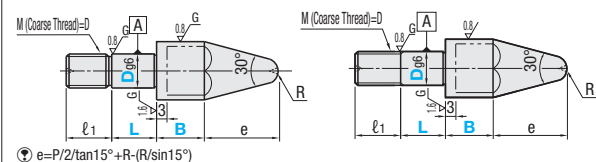


Type	Material	Hardness
LNNAN	Round	1.7220/ 34CrMo4
LNNND	Diamond	Hardening 35~40HRC
TLNNAN	Round	1.7242/ 16CrMo4
TLNNND	Diamond	Carburized 55HRC ~ (Depth 0.7 ~ 0.8) Anti-carburizing on Thread

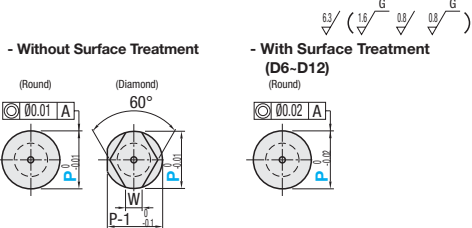
Reference: $\sin 15^\circ = 0.259$
 $\tan 15^\circ = 0.267$

■Hardening / Carburized / Hard Chrome Plated

■Dicoat® Treated



Type	Material	Hardness	Surface Treatment
D-NNAN	Round	1.2379/ equivalent	55HRC~ (Surface 3000 HV)
R-NNAN	Round	1.7220/ 34CrMo4	35~40HRC (Surface 750 HV)



Part Number			P 0.1mm Increment	B 1mm Increment	L Selection	ℓ ₁	R	W	€ Unit Price					
Type	D _{g6}								LNNAN	LNNND	TLNNAN	TLNNND	D-NNAN	R-NNAN
LNNAN LNNND D-NNAN TLNNAN R-NNAN TLNNND	6	-0.004 -0.012	8.0~12.0	5~30	5 8 10	6	3	3						
	8		10.0~16.0		5 8 10 12 15	10	4	3.5						
	10	-0.005 -0.014			12	4	4							
	10T		12.0~20.0		(5) (8) 10 12 15	15	5	5						
	12	-0.006 -0.017	14.0~25.0		(8) 10 12 15 18	15	6	6						
	16		18.0~32.0		(10) 12 15 18 20	18	8	8						
	20	-0.007 -0.020	22.0~35.0		12 15 18 20	22	8 9	9						

⊗L dimension in () is not applicable to diamond shape and Dicoat® treated products.

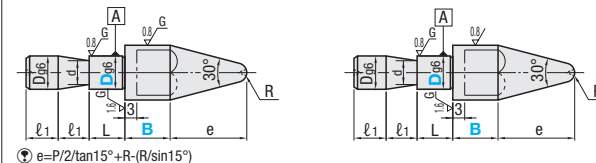


Type	Material	Hardness
LNTAN	Round	1.7220/ 34CrMo4
LNTDN	Diamond	Hardening 35~40HRC
TLNTAN	Round	1.7242/ 16CrMo4
TLNTDN	Diamond	Carburized 55HRC ~ (Depth 0.7 ~ 0.8) Anti-carburizing on Thread

Reference: $\sin 15^\circ = 0.259$
 $\tan 15^\circ = 0.267$

■Hardening / Carburized / Hard Chrome Plated

■Dicoat® Treated



Part Number			P 0.1mm Increment	B 1mm Increment	L	ℓ ₁	d	R	Applicable Set Screws	W	€ Unit Price					
Type	D _{g6}										LNTAN	LTNDN	TLNTAN	TLNTDN	D-NTAN	R-NTAN
LNTAN LTNDN D-NTAN R-NTAN TLNTAN TLNTDN	6	-0.004 -0.012	8.0~12.0	5~30	5	8	4	3	M5	3						
	8		10.0~16.0				5	4		3.5						
	10	-0.005 -0.014	12.0~20.0		10		4	4								
	10T				5	7	5	M6	5							
	12	-0.006 -0.017	14.0~25.0			9	6		6							
	16		18.0~32.0		12	10	13	8	M8	8						
	20	-0.007 -0.020	22.0~35.0							17	9					

Part Number	P	B	L
LNNAN	6	P8.0	B14
LNTAN	8	P12.0	B12

Days to Ship 8 Days

Express A 5.00 EUR/ piece

⊗A Express Charge of 13.50 EUR for 3 or more identical pieces.

Carburized / Hard Chrome Plated / Dicoat® Treated 8 Days

Price

Volume Discount (⊗Round down to one Cent.) P.87

Qty.	1~19	20~34	35~49	50~99
Rate	€ Unit Price	5%	10%	18%

⊗For orders larger than indicated quantity, please request a quotation.

Alterations	Flat	Thread Diameter
Code	KD	MC
Spec.	[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 Male Thread Type only.
Price Adder	2.00	2.00

Locating Pin for Jig

-Tip Shape Selectable - Precision No Shoulder-

CAD Data

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

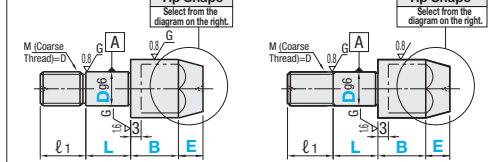


Type	Material	Hardness
SLNNA	Round	1.7220/ 34CrMo4
SLNND	Diamond	Hardening 35~40HRC
TSLNNA	Round	1.7242/ 16CrMo4
TSLNND	Diamond	Carburized 55HRC ~ (Depth 0.7 ~ 0.8) Anti-carburizing on Thread

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

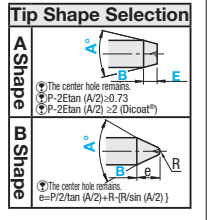
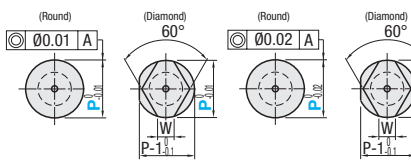
■Hardening / Carburized

■Dicoat® Treated



- Without Surface Treatment

- With Surface Treatment (D6-D12)



Part Number			P	B	L	A	E (Shape A)	ℓ ₁	R	W	€ Unit Price					
Type	Tip Shape	D _{g6}	0.1mm Increment	1mm Increment	Selection	Selection	1mm Increment				SLNNA_	SLNND_	TSLNNA_	D-SNNA_	D-SNND_	
SLNNA SLNND TSLNNA	D-SNNA D-SNND	A (Taper)	6	-0.004 -0.012	8.0~12.0	5 8 10	*30 60 90 120	1~10	6	3	3					
			8	-0.005 -0.014	10.0~16.0	5 8 10 12 15			10	4	3.5					
		B (Taper R)	10	-0.006 -0.017	12.0~20.0	(5) (8) 10 12 15			12	4						
			12	-0.006 -0.017	14.0~25.0	(8) 10 12 15 18			15	5	5					
			16	-0.007 -0.020	18.0~32.0	(10) 12 15 18 20			15	6	6					
			20	-0.007 -0.020	22.0~35.0	12 15 18 20			18	8	8					
	</															

⊗Angle A *30 is not applicable to Tip Shape B. Select from Precision No Shoulder Type (P.1385) ⊗L dimension in () is not applicable to diamond shape and Dicoat® treated products.

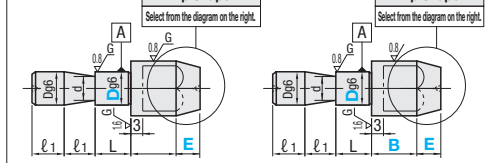


Type	Material	Hardness
SLNTA	Round	1.7220/ 34CrMo4
SLNTD	Diamond	Hardening 35~40HRC
TSLNTA	Round	1.7242/ 16CrMo4
TSLNTD	Diamond	Carburized 55HRC ~ (Depth 0.7 ~ 0.8) Anti-carburizing on Thread

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

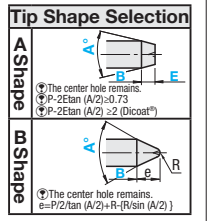
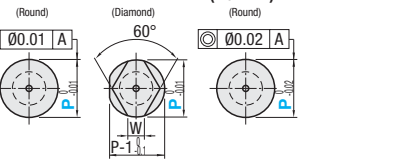
■Hardening / Carburized / Hard Chrome Plated

■Dicoat® Treated



- Without Surface Treatment

- With Surface Treatment (D6-D12)



Part Number			P 0.1mm Increment	B 1mm Increment	A Selection	E (Shape A) 1mm Increment	L	ℓ ₁	d	R	Applicable Set Screw	W	€ Unit Price					
Type	Tip Shape	D _{g6}											SLNTA_	SLNTD_	TSLNTA_	TSLNTD_	D-SNTA_	R-SNTA_
SLNTA SLNTD D-SNTA R-SNTA TSLNTA TSLNTD	A (Taper)	6	-0.004 -0.012	8.0~12.0	5~30	*30 60 90 120	1~10	5	4	3	M5	3						
		8	-0.005 -0.014	10.0~16.0								3.5						
		10	-0.006 -0.014	12.0~20.0					M6	4								
		10T								5								
	B (Taper R)	12	-0.006 -0.017	14.0~25.0				M8	6									
		16	-0.017	18.0~32.0					8									
		20	-0.007 -0.020	22.0~35.0					8	9								

⊗Angle A *30 is not applicable to Tip Shape B. Select from Precision No Shoulder Type (P.1385)

Part Number	P	B	L	A	E
SLNND	6	P8.0	B14	L8	A30
SLNTA	8	P12.0	B15	L8	A60

Days to Ship 8 Days

Express A 5.00 EUR/ piece

⊗A Express Charge of 13.50 EUR for 3 or more identical pieces.

Carburized / Hard Chrome Plated / Dicoat® Treated 8 Days

Price

Volume Discount (⊗Round down to one Cent.) P.87

Qty.	1~19	20~34	35~49	50~99
Rate	€ Unit Price	5%	10%	18%

⊗For orders larger than indicated quantity, please request a quotation.

Alterations	Flat	Thread Diameter
Code	KD	MC
Spec.	[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 Male Thread Type only.
Price Adder	2.00	2.00