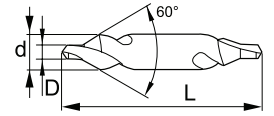


CLTec CENTRE DRILL TYPE A - A1610



Geometry 60°
Point angle 118°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○	○				

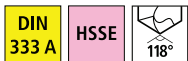
DRILL DIN 333 A

A1610	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16101	4,90	1.00	3.15	31.5	1
	A16101,25	4,90	1.25			
	A16101,6	5,29	1.60	4.00	35.5	
	A16102	5,68	2.00	5.00	40.0	
	A16102,5	6,30	2.50	6.30	45.0	

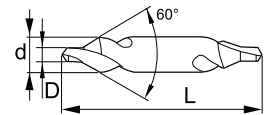
A1610	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16103,15	7,93	3.15	8.00	50.0	1
	A16104	12,40	4.00	10.00	56.0	
	A16105	16,50	5.00	12.50	63.0	
	A16106,3	24,60	6.30	16.00	71.0	

CLTec CENTRE DRILL TYPE A - A1611

NEW



Geometry 60°
Point angle 118°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○	○				

DRILL DIN 333 A

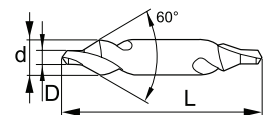
A1611	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16111	7,34	1.00	3.15	31,5	1
	A16111,25	7,34	1,25			
	A16111,6	7,93	1,60	4,00	35,5	
	A16112	8,52	2,00	5,00	40,0	
	A16112,5	9,75	2,50	6,30	45,0	

A1611	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16113,15	11,90	3,15	8,00	50,0	1
	A16114	18,60	4,00	10,00	56,0	
	A16115	24,70	5,00	12,50	63,0	
	A16116,3	36,90	6,30	16,00	71,0	

CLTec CENTRE DRILL TYPE A - A1612



Geometry 60°
Point angle 118°
Surface treatment TiN (coated)
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○	●	○		●	●	○	○	○	○				

DRILL DIN 333 A

A1612	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16121	9,72	1,00	3.15	31.5	1
	A16121,25	9,72	1.25			
	A16121,6	10,10	1.6	4	35.5	
	A16122	10,40	2.00	5	40	
	A16122,5	10,80	2.5	6.30	45	

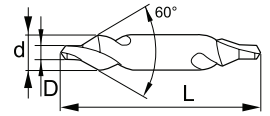
A1612	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16123,15	12,20	3.15	8	50	1
	A16124	21,50	4.00	10	56	
	A16125	28,70	5.00	12.50	63	
	A16126,3	38,70	6.3	16	71	



LTec CENTRE DRILL TYPE A LONG SERIES - A1615



Geometry 60°
Point angle 118°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEx	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○	○				

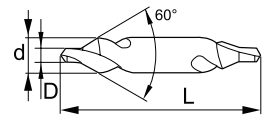
DRILL DIN 333 A

A1615	Tech. Code	A01 Euro	D H8 mm	d mm	L mm		A1615	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16151	9,55	1	3.15	120	1		A16153,15	12,50	3.15	8	120	1
	A16151,6	9,99	1.6	4				A16154	19,60	4	10		
	A16152	10,50	2	5				A16155	29,60	5	12.5		
	A16152,5	11,40	2.5	6.3									

LTec SOLID CARBIDE CENTRE DRILL TYPE A - A1640



Geometry 60°
Point angle 118°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEx	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○					

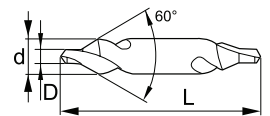
DRILL DIN 333 A

A1640	Tech. Code	A03 Euro	D H8 mm	d mm	L mm		A1640	Tech. Code	A03 Euro	D H8 mm	d mm	L mm	
	A16401	35,20	1.00	3.17	38	1		A16402,5	59,10	2.50	6.00	50	1
	A16401,25	35,20	1.25					A16403,15	75,60	3.15	8.00	63	
	A16401,6	42,30	1.60	4.00	40		A16404	98,50	4.00	10.00	66		
	A16402	47,10	2.00	5.00	50								

LTec CENTRE DRILL TYPE R - A1620



Geometry Form R
Point angle 118°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEx	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○	○				

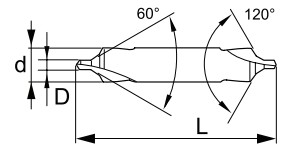
DRILL DIN 333 R

A1620	Tech. Code	A01 Euro	D H8 mm	d mm	L mm		A1620	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16201,6	6,07	1.60	4.00	35.5	1		A16203,15	8,57	3.15	8.00	50.0	1
	A16202	6,76	2.00	5.00	40.0			A16204	15,20	4.00	10.00	56.0	
	A16202,5	7,69	2.50	6.30	45.0			A16205	20,90	5.00	12.50	63.0	

CLTec CENTRE DRILL TYPE B - A1630



Geometry 60° + 120°
Point angle 118°
Surface treatment Bright
Application General application



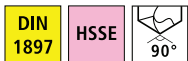
< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○	○				

DRILL DIN 333 B

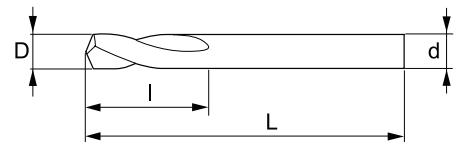
A1630	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16301	8,52	1.00	4.00	35.50	1
	A16301,25	9,41	1.25	5.00	40.00	
	A16301,6	11,40	1.60	6.30	45.00	
	A16302	11,60	2.00	8.00	50.00	
	A16302,5	14,90	2.50	10.00	56.00	

A1630	Tech. Code	A01 Euro	D H8 mm	d mm	L mm	
	A16303,15	19,10	3.15	11.20	60.00	1
	A16304	28,60	4.00	14.00	67.00	
	A16305	38,30	5.00	18.00	75.00	
	A16306,3	50,10	6.30	20.00	80.00	

CLTec CENTRE SPOTTING DRILL 90° - A1650



Geometry N/H-type helix
Point angle 90°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	●	○	○					

DRILL DIN 1897

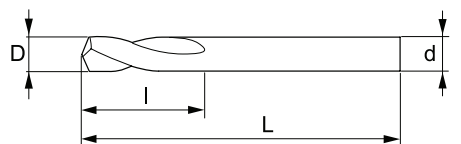
A1650	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	
	A16503	8,47	3	12	46	1
	A16504	9,46	4		55	
	A16505	10,20	5	14	62	
	A16506	10,70	6	19	66	
	A16508	15,20	8	23	79	

A1650	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	
	A165010	19,80	10	26	89	1
	A165012	28,10	12	31	102	
	A165016	37,20	16	34	115	
	A165020	59,90	20	36	131	

CLTec CENTRE SPOTTING DRILL 90° - A1655



Geometry N/H-type helix
Point angle 90°
Surface treatment TiAlN (coated)
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	●				●	●			○					

DRILL DIN 1897

A1655	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	
	A16553	10,10	3	12	46	1
	A16554	10,90	4		55	
	A16555	12,00	5	14	62	
	A16556	14,90	6	16	66	
	A16558	20,40	8	21	79	

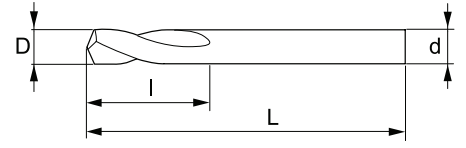
A1655	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	
	A165510	26,20	10	25	89	1
	A165512	32,60	12	30	102	
	A165516	42,70	16	38	115	
	A165520	65,70	20	45	131	



CLTec CENTRE SPOTTING DRILL 90° LONG SERIES - A1656



Geometry N/H-type helix
Point angle 90°
Surface treatment TiAlN (coated)
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	●	●	○		●	●	○	○	○				○	

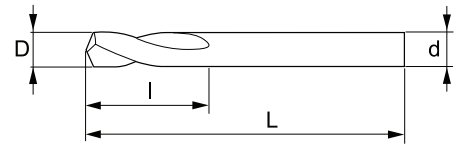
MANUFACTURING STANDARD

A1656	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁	A1656	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁
	A16566	34,30	6	20	140	1		A165610	46,40	10	25	170	1
	A16568	39,90	8	25				A165612	55,80	12	30		

CLTec CENTRE SPOTTING DRILL 120° - A1660



Geometry N/R-type helix
Point angle 120°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○				●	●	○	○	○					

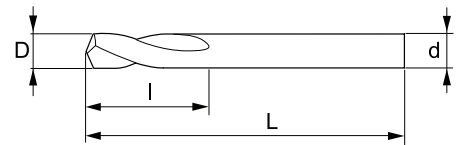
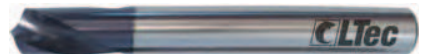
DRILL DIN 1897

A1660	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁	A1660	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁
	A16606	10,70	6	19	66	1		A166012	28,10	12	31	102	1
	A16608	15,20	8	23	79			A166016	37,20	16	34	115	
	A166010	19,80	10	26	89			A166020	59,90	20	36	131	

CLTec CENTRE SPOTTING DRILL 120° - A1665



Geometry N/R-type helix
Point angle 120°
Surface treatment TiAlN (coated)
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	●	●	○		●	●	○	○	○				○	

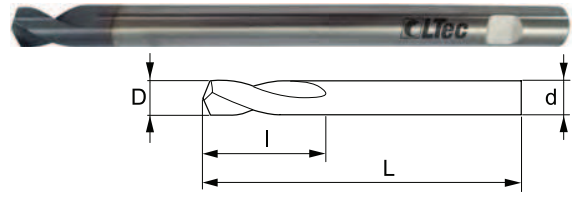
DRILL DIN 1897

A1665	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁	A1665	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁
	A16656	14,90	6	16	66	1		A166512	32,60	12	30	102	1
	A16658	20,40	8	21	79			A166516	42,70	16	38	115	
	A166510	26,20	10	25	89			A166520	65,70	20	45	131	

LTec CENTRE SPOTTING DRILL 120° LONG SERIES - A1666



Geometry N/R-type helix
Point angle 120°
Surface treatment TiAlN (coated)
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○

MANUFACTURING STANDARD

A1666	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁	A1666	Tech. Code	A01 Euro	D H8 mm	l mm	L mm	👁
	A16666	34,30	6	20	140	1		A166610	46,40	10	25	170	1
	A16668	39,90	8	25				A166612	58,00	12	30		

LTec SOLID CARBIDE CENTRE SPOTTING DRILL 90° - A1670



Geometry N/R-type helix
Point angle 90°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○

DRILL DIN 1897

A1670	Tech. Code	A03 Euro	D H8 mm	l mm	L mm	👁	A1670	Tech. Code	A03 Euro	D H8 mm	l mm	L mm	👁
	A16703	17,40	3	12	40	1		A167010	53,20	10	27	70	1
	A16704	20,20	4					A167012	65,90	12			
	A16705	26,60	5	16	50	1		A167016	124,60	16	30	75	
	A16706	30,30	6	21				A167020	263,60	20	33	100	
	A16708	41,20	8	25	60								

LTec SOLID CARBIDE CENTRE SPOTTING DRILL 120° - A1680



Geometry N/R-type helix
Point angle 120°
Surface treatment Bright
Application General application



< 500	< 850	< 1200	< 600	< 850	DUPLEX	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○

DRILL DIN 1897

A1680	Tech. Code	A03 Euro	D H8 mm	l mm	L mm	👁	A1680	Tech. Code	A03 Euro	D H8 mm	l mm	L mm	👁
	A16806	30,30	6	21	50	1		A168010	53,20	10	27	70	1
	A16808	41,20	8	25	60			A168012	65,90	12			