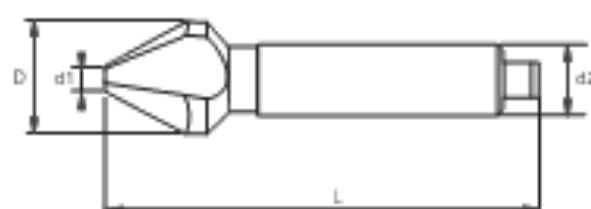


GRANLUND COUNTERSINKS 60° Z3



ITEM: A6145

Model 100TT
Material HSS
Standard DIN 334C
Countersinking angle 60°
Surface treatment TiN
CUT Right-hand
Application 60° countersinking on hard materials and special alloys



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Ti6Al4V	HTA	< 45	< 60	< 65
●	●	○	●	○	○	●	●	●	○	○	○	○	○	○	○

(*) Cylindrical shank with 3 facets

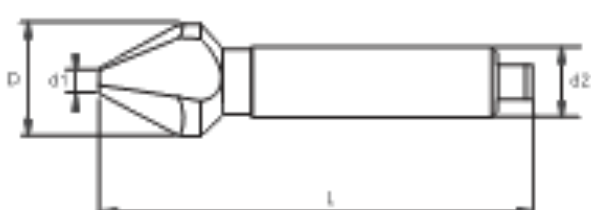
COUNTERSINK DIN 334C									
Tech. Code		D mm	L mm	d1 mm	d2 mm	Tech. Code		D mm	L mm
A614510		10	49	2	6	A614520		20	63
A614512		12	51.5			A614525		25	68
A614516		16	59.5	3	10 (*)	A614530		30	73.5

GRANLUND COUNTERSINKS 60° Z3



ITEM: A6150

Model 100T
Material HSS
Standard DIN 334C
Countersinking angle 60°
Surface treatment Bright
CUT Right-hand
Application 60° countersinking on all materials



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Ti6Al4V	HTA	< 45	< 60	< 65
●	●	○	●	○	○	●	●	●	○	○	○	○	○	○	○

(*) Cylindrical shank with 3 facets

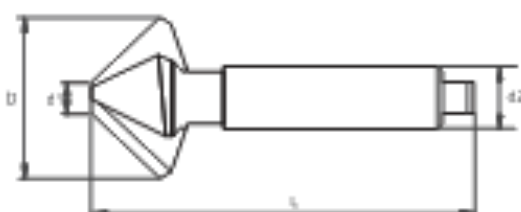
COUNTERSINK DIN 334 C											
Tech. Code		D mm	L mm	d1 mm	d2 mm	Tech. Code		D mm	L mm	d1 mm	d2 mm
A615008		8	47.5	1.5	6	A615020		20	63.0	4.0	10 (*)
A615010		10	49.0	2.0		A615025		25	68.0		
A615012		12	51.5			A615030		30	73.5		
A615016		16	59.5	3.0	10 (*)	A615040		40	88.0	8.0	16

GRANLUND COUNTERSINKS 90° Z3 WITH LONG CYLINDRICAL SHANK



ITEM: A6153

Model 100TL
Material HSS
Standard Factory standard
Countersinking angle 90°
Surface treatment Bright
CUT Right-hand
Application 90° countersinking



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Ti6Al4V	HTA	< 45	< 60	< 65
●	●	○	●	○	○	●	●	●	○	○	○	○	○	○	○

(*) Cylindrical shank with 3 facets

COUNTERSINK FACTORY STANDARD									
Tech. Code		D mm	L mm	d1 mm	d2 mm	Tech. Code		D mm	L mm
A615312		12	112.0	4	10 (*)	A615325		25	121.5
A615316		16	116.0			A615330		30	125.0
A615320		20	118.0						