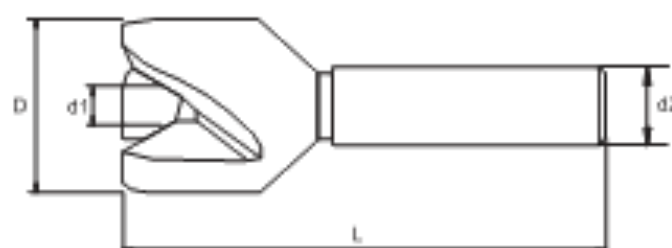


EXTERNAL COUNTERSINKS 90° Z3



ITEM: A6160

Material HSS
Standard Factory standard
Countersinking angle 90°
CUT Right
Application 90° external countersinking on all materials



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

COUNTERSINK FACTORY STANDARD

Tech. Code	D mm	L mm	d1 mm	d2 mm
A61600412	12	55	4	8
A61600820	20	60	8	10

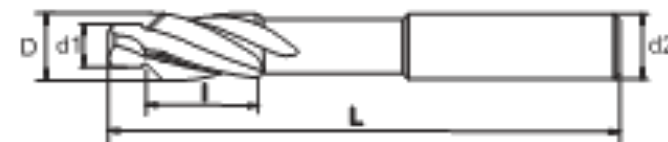
Tech. Code	D mm	L mm	d1 mm	d2 mm
A61601028	28	65	10	14

90° COUNTERBORES FOR HEAD SCREWS



ITEM: A6230

Material HSSE
Standard DIN 1866
Surface treatment Bright
Cut Right-hand 4 flutes
Application Counterboring for head screws



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

COUNTERBORE DIN 1866

Tech. Code	Screw mm	L mm	I mm	D mm	d1 mm	d2 mm
A6230M3	M3	71	14	6.5	3.2	6
A6230M4	M4			8.6	4.3	8
A6230M5	M5	80	18	10.6	5.3	10

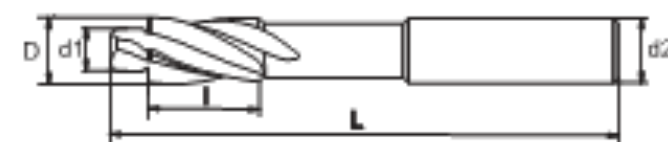
Tech. Code	Screw mm	L mm	I mm	D mm	d1 mm	d2 mm
A6230M6	M6	80	18	12.6	6.4	10
A6230M8	M8	100	22	16.7	8.4	12
A6230M10	M10			20.7	10.5	

180° COUNTERBORES Z3 FOR CYLINDRICAL HEAD SCREWS



ITEM: A6210

Material HSSE
Standard DIN 373
Surface treatment Bright
Cut Right-hand 3 flutes
Application Counterboring for cylindrical head screws



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

COUNTERBORE DIN 373

Tech. Code		Screw mm	L mm	l mm	D mm	d mm	d2 mm	Z
A6210M3		M3	71	14	6	3.2	5	3
A6210M4		M4			8	4.3		
A6210M5		M5	80	18	10	5.3	8	
A6210M6		M6			11	6.4		
A6210M8		M8	100	22	15	8.4	12	
A6210M10		M10			18	10.5		
A6210M12		M12			20	13		
A6210M14		M14	130	30	24	15	16	
A6210M16		M16	150		26	17	20	