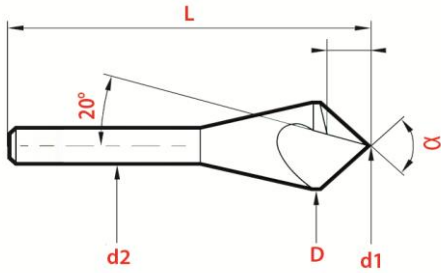


## 30 Degree Single Flute Countersinks Supplied by Magafor

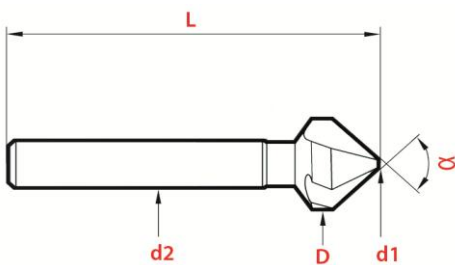
Part Number	Description	Price	Dimensions				
			D	d1	d2	L	$\alpha$
M0426100AM	10mm Single Flute 30 Degree Countersink	£46.40	10	5.5	6	49	30°
M0426150AM	15mm Single Flute 30 Degree Countersink	£64.49	15	8.5	8	60	30°
M0426200AM	20mm Single Flute 30 Degree Countersink	£116.49	20	11.0	10	72	30°
M0426250AM	25mm Single Flute 30 Degree Countersink	£149.40	25	13.5	12	78	30°
M0426300AM	30mm Single Flute 30 Degree Countersink	£215.18	30	16.5	12	99	30°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 30 Degree 3 Flute Countersinks Supplied by Magafor

Part Number	Description	Price	Dimensions				
			D	d1	d2	L	$\alpha$
M0439063AM	6.3mm 3 Flute 30 Degree Countersink	£35.44	12.4	2.0	52	50	30°
M0439124AM	12.4mm 3 Flute 30 Degree Countersink	£52.96	16.5	3.0	83	65	30°
M4839124AM	12.4mm 3 Flute 30 Degree TIN-E Countersink	£56.81	12.4	3.0	83	65	30°
M4839165AM	16.5mm 3 Flute 30 Degree TIN-E Countersink	£92.42	16.5	4.2	10	76	30°

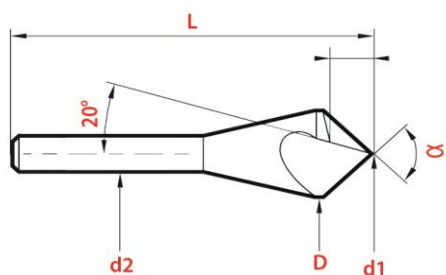


Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 45 Degree Single Flute Countersinks

## Supplied by Magafor

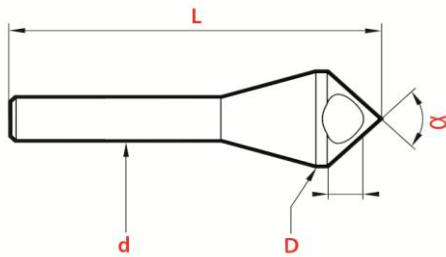
Part Number	Description	Price	Dimensions				
			D	d1	d2	L	$\alpha$
M0427060AM	6mm Single Flute 45 Degree Countersink	£40.87	6	2.0	6	43	45°
M0427100AM	10mm Single Flute 45 Degree Countersink	£46.40	10	3.0	6	49	45°
M0427150AM	15mm Single Flute 45 Degree Countersink	£64.49	15	4.5	8	61	45°
M0427200AM	20mm Single Flute 45 Degree Countersink	£116.49	20	6.0	10	72	45°
M0427250AM	25mm Single Flute 45 Degree Countersink	£149.40	25	7.5	12	87	45°
M0427300AM	30mm Single Flute 45 Degree Countersink	£215.18	30	9.0	12	99	45°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 60 Degree Hole Type Countersinks Supplied by Magafor

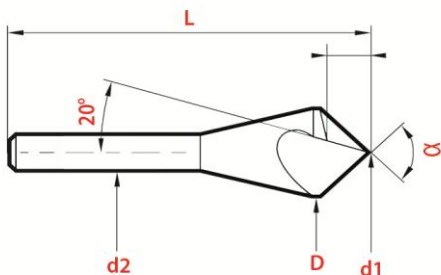
Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M0412000AM	£25.83	No 0 Hole Type 60 Degree Countersink	1/4"	3-5	1/4"	45	60°
M0412001AM	£19.84	No 1 Hole Type 60 Degree Countersink	7/16"	5-10	1/4"	45	60°
M0412002AM	£25.61	No 2 Hole Type 60 Degree Countersink	9/16"	7-13	1/4"	50	60°
M0412003AM	£49.69	No 3 Hole Type 60 Degree Countersink	13/16"	10-18	1/2"	66	60°
M0412004AM	£103.95	No 4 Hole Type 60 Degree Countersink	1.3/16"	15-28	1/2"	87	60°
M0412100AM	£18.48	10mm Hole Type 60 Degree Countersink	10				60°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 60 Degree Single Flute Countersinks Supplied by Magafor

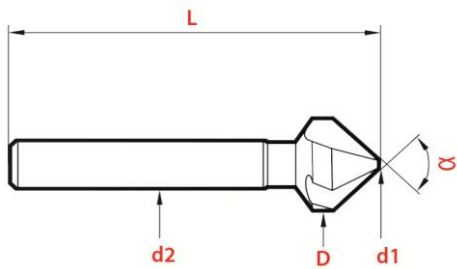
Part Number	Price	Description	Dimensions				$\alpha$
			D	d1	d2	L	
M0422060AM	£16.22	6mm Single Flute 60 Degree Countersink	6	1	6	43	60°
M0422100AM	£19.27	10mm Single Flute 60 Degree Countersink	10	1	6	49	60°
M0422120AM	£21.99	12mm Single Flute 60 Degree Countersink	12	2	8	54	60°
M0422150AM	£25.83	15mm Single Flute 60 Degree Countersink	15	2	8	60	60°
M0422200AM	£44.14	20mm Single Flute 60 Degree Countersink	20	2	10	72	60°
M0422250AM	£70.48	25mm Single Flute 60 Degree Countersink	25	3	12	78	60°
M0422300AM	£98.41	30mm Single Flute 60 Degree Countersink	30	3	12	99	60°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 60 Degree 3 Flute Countersinks Supplied by Magafor

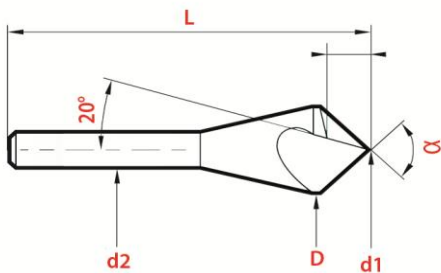
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0432104AM	£25.83	10.4mm 3 Flute 60 Degree Countersink	10.4	2.5	63	53	60°
M0432124AM	£30.01	12.4mm 3 Flute 60 Degree Countersink	12.4	2.8	83	60	60°
M0432165AM	£39.28	16.5mm 3 Flute 60 Degree Countersink	16.5	3.2	10	65	60°
M0432205AM	£46.40	20.5mm 3 Flute 60 Degree Countersink	20.5	3.5	10	69	60°
M0432250AM	£58.50	25mm 3 Flute 60 Degree Countersink	25.0	3.8	10	75	60°
M0432310AM	£83.71	31mm 3 Flute 60 Degree Countersink	31.0	4.2	12	81	60°
M0432630AM	£346.67	63mm 3 Flute 60 Degree Countersink MT3	63.0	-	-	-	60°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

## 60 Degree Single Flute Countersinks with TiN Coating Supplied by Magafor

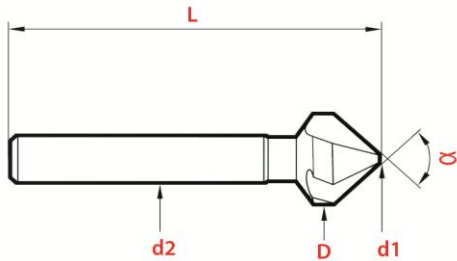
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4822100AM	£27.75	10mm Single Flute 60 Degree Countersink TIN	10	1	6	49	1°
M4822120AM	£32.16	12mm Single Flute 60 Degree Countersink TIN	12	2	8	54	1°
M4822250AM	£83.71	25mm Single Flute 60 Degree Countersink TIN	25	3	12	78	1°



Tolerance			
D	d	L	$\alpha$
0.3	h9	±1	-1°

## 60 Degree 3 Flute Countersinks with TiN Coating Supplied by Magafor

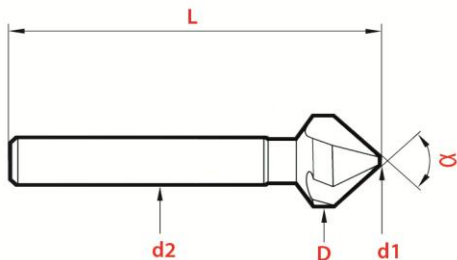
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4832124AM	£36.00	12.4mm 3 Flute 60 Degree TIN Countersink	12.4	2.8	83	60	60°
M4832205AM	£53.75	20.5mm 3 Flute 60 Degree TIN Countersink	20.5	3.5	10	69	60°
M4832250AM	£68.34	25mm 3 Flute 60 Degree TIN Countersink	25.0	3.8	10	75	60°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

## 60 Degree 3 Flute Carbide Countersinks Supplied by Magafor

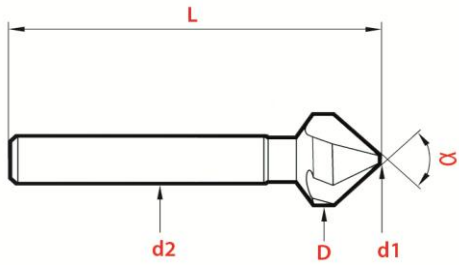
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M84320063	£98.97	6.3mm 3 Flute 60 Degree Carbide Countersink	6.3	1.5	5	47	60°
M84320083	£115.48	8.3mm 3 Flute 60 Degree Carbide Countersink	8.3	2.0	6	52	60°
M84320104	£126.44	10.4mm 3 Flute 60 Degree Carbide Countersink	10.4	2.5	6	53	60°
M84320124	£137.30	12.4mm 3 Flute 60 Degree Carbide Countersink	12.4	2.8	8	60	60°
M84320165	£153.80	16.5mm 3 Flute 60 Degree Carbide Countersink	16.5	3.2	10	65	60°
M84320205	£222.88	20.5mm 3 Flute 60 Degree Carbide Countersink	20.5	3.5	10	69	60°
M84320250	£292.97	25mm 3 Flute 60 Degree Carbide Countersink	25.0	3.8	10	75	60°
M84320310	£392.67	31mm 3 Flute 60 Degree Carbide Countersink	31.0	4.2	12	81	60°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 60 Degree 3 Flute Countersinks with Carbide Hard-X Coating Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M8432H063	£108.81	6.3mm 3 Flute 60 Degree Carbide Hard-X Countersink	6.3	1.5	5	47	60°
M8432H083	£127.46	8.3mm 3 Flute 60 Degree Carbide Hard-X Countersink	8.3	2.0	6	6	60°
M8432H104	£141.70	10.4mm 3 Flute 60 Degree Carbide Hard-X Countersink	10.4	2.5	6	53	60°
M8432H124	£154.93	12.4mm 3 Flute 60 Degree Carbide Hard-X Countersink	12.4	2.8	8	60	60°
M8432H165	£172.45	16.5mm 3 Flute 60 Degree Carbide Hard-X Countersink	16.5	3.2	10	65	60°
M8432H205	£242.54	20.5mm 3 Flute 60 Degree Carbide Hard-X Countersink	20.5	3.5	10	10	60°
M8432H250	£318.18	25mm 3 Flute 60 Degree Carbide Hard-X Countersink	25.0	3.8	10	10	60°
M8432H310	£425.57	31mm 3 Flute 60 Degree Carbide Hard-X Countersink	31.0	4.2	12	81	60°

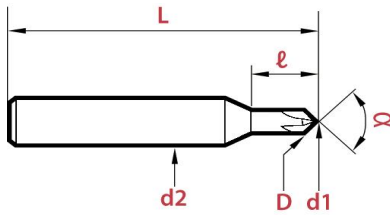


D	Tolerance		
	d	L	$\alpha$
z9	h9	±1	-1°

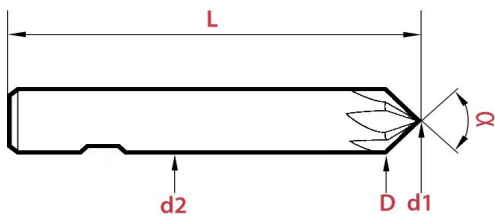
# 60 Degree Multi Flute Carbide Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions						
			D	d1	L	ℓ	d2	z	α
M84360005	£53.52	0.5mm Carbide 60 Degree Multi Flute Countersink	0.5	0.1	39	3.0	3	3	60°
M84360006	£53.52	0.6mm Carbide 60 Degree Multi Flute Countersink	0.6	0.1	39	3.0	3	3	60°
M84360007	£53.52	0.7mm Carbide 60 Degree Multi Flute Countersink	0.7	0.1	39	3.0	3	3	60°
M84360008	£53.52	0.8mm Carbide 60 Degree Multi Flute Countersink	0.8	0.1	39	3.0	3	3	60°
M84360009	£53.52	0.9mm Carbide 60 Degree Multi Flute Countersink	0.9	0.1	39	3.0	3	3	60°
M84360010	£47.99	1mm Carbide 60 Degree Multi Flute Countersink	1.0	0.1	39	3.0	3	3	60°
M84360015	£47.99	1.5mm Carbide 60 Degree Multi Flute Countersink	1.5	0.1	39	4.5	3	3	60°
M84360020	£47.99	2mm Carbide 60 Degree Multi Flute Countersink	2.0	0.1	39	6.0	3	3	60°
M84360025	£47.99	2.5mm Carbide 60 Degree Multi Flute Countersink	2.5	0.1	39	7.5	3	3	60°
M84360030	£45.27	3mm Carbide 60 Degree Multi Flute Countersink	3.0	0.1	39	-	3	4	60°
M84360040	£45.27	4mm Carbide 60 Degree Multi Flute Countersink	4.0	0.8	54	-	4	4	60°
M84360060	£45.27	6mm Carbide 60 Degree Multi Flute Countersink	6.0	0.8	57	-	6	5	60°
M84360080	£50.82	8mm Carbide 60 Degree Multi Flute Countersink	8.0	0.8	63	-	8	6	60°
M84360100	£58.96	10mm Carbide 60 Degree Multi Flute Countersink	10.0	1.0	72	-	10	6	60°
M84360120	£85.07	12mm Carbide 60 Degree Multi Flute Countersink	12.0	1.2	83	-	12	6	60°
M84360160	£109.94	16mm Carbide 60 Degree Multi Flute Countersink	16.0	1.6	92	-	16	6	60°
M84360200	£259.05	20mm Carbide 60 Degree Multi Flute Countersink	20.0	2.0	104	-	20	6	60°

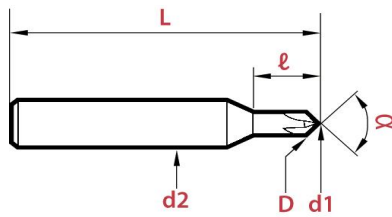


Tolerance			
D	L	d2	α
z9	±1	h6	-1°

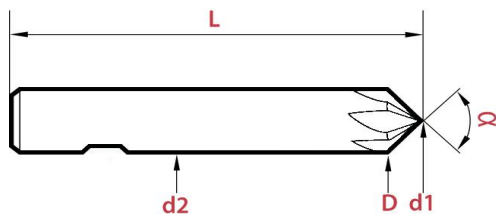


# 60 Degree Multi Flute Countersinks with Carbide Hard-X Coating Supplied by Magafor

Part Number	Price	Description	Dimensions						
			D	d1	L	ℓ	d2	z	α
M8436H005	£57.94	0.5mm Carbide-HX 60 Degree Multi Flute Countersink	0.5	0.1	39	3.0	3	3	60°
M8436H006	£57.94	0.6mm Carbide-HX 60 Degree Multi Flute Countersink	0.6	0.1	39	3.0	3	3	60°
M8436H007	£57.94	0.7mm Carbide-HX 60 Degree Multi Flute Countersink	0.7	0.1	39	3.0	3	3	60°
M8436H008	£57.94	0.8mm Carbide-HX 60 Degree Multi Flute Countersink	0.8	0.1	39	3.0	3	3	60°
M8436H009	£57.94	0.9mm Carbide-HX 60 Degree Multi Flute Countersink	0.9	0.1	39	3.0	3	3	60°
M8436H010	£52.39	1mm Carbide-HX 60 Degree Multi Flute Countersink	1.0	0.1	39	3.0	3	3	60°
M8436H015	£52.39	1.5mm Carbide-HX 60 Degree Multi Flute Countersink	1.5	0.1	39	4.5	3	3	60°
M8436H020	£52.39	2mm Carbide-HX 60 Degree Multi Flute Countersink	2.0	0.1	39	6.0	3	3	60°
M8436H025	£52.39	2.5mm Carbide-HX 60 Degree Multi Flute Countersink	2.5	0.1	39	7.5	3	3	60°
M8436H030	£49.69	3mm Carbide-HX 60 Degree Multi Flute Countersink	3.0	0.1	39	-	3	4	60°
M8436H040	£49.69	4mm Carbide-HX 60 Degree Multi Flute Countersink	4.0	0.8	54	-	4	4	60°
M8436H060	£49.69	6mm Carbide-HX 60 Degree Multi Flute Countersink	6.0	0.8	57	-	6	5	60°
M8436H080	£55.11	8mm Carbide-HX 60 Degree Multi Flute Countersink	8.0	0.8	63	-	8	6	60°
M8436H100	£64.49	10mm Carbide-HX 60 Degree Multi Flute Countersink	10.0	1.0	72	-	10	6	60°
M8436H120	£91.62	12mm Carbide-HX 60 Degree Multi Flute Countersink	12.0	1.2	83	-	12	6	60°
M8436H160	£119.32	16mm Carbide-HX 60 Degree Multi Flute Countersink	16.0	1.6	92	-	16	6	60°
M8436H200	£271.60	20mm Carbide-HX 60 Degree Multi Flute Countersink	20.0	2.0	104	-	20	6	60°



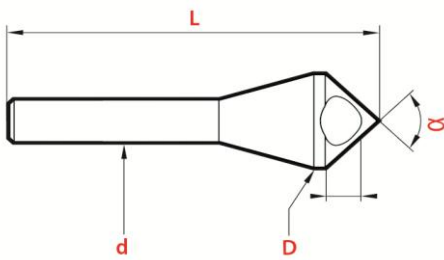
Tolerance			
D	L	d2	α
z9	±1	h6	-1°





## 82 Degree Hole Type Countersinks Supplied by Magafor

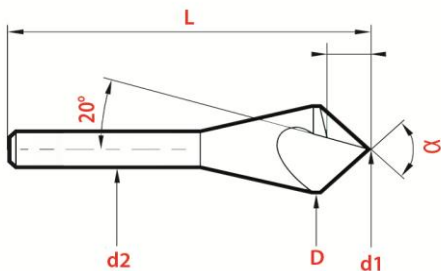
Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M0414000AM	£25.83	No 0 Hole Type 82 Degree Countersink (1/4")	6.35 (1/4")	2-5	6.35	45	82°
M0414001AM	£19.84	No 1 Hole Type 82 Degree Countersink (7/16")	11.2 (7/16")	5-10	6.35	46	82°
M0414002AM	£25.61	No 2 Hole Type 82 Degree Countersink (9/16")	14 (9/16")	6-13	6.35	50	82°
M0414003AM	£49.69	No 3 Hole Type 82 Degree Countersink (13/16")	20.4 (13/16")	9-18	12.70	66	82°
M0414004AM	£103.95	No 4 Hole Type 82 Degree Countersink (1.3/16")	30.1 (1.3/16")	12-28	12.70	80	82°
M0414100AM	£18.48	10mm Hole Type 82 Degree Countersink	10	5-9	6.00	49	82°
M0414150AM	£25.61	15mm Hole Type 82 Degree Countersink	15	8-14		56	82°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 82 Degree Single Flute Countersinks Supplied by Magafor

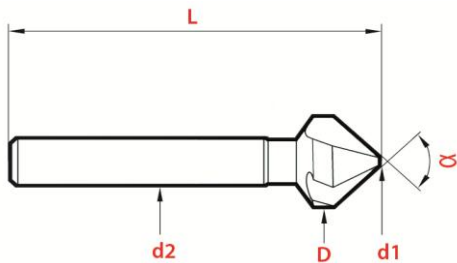
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0424060AM	£16.22	6mm Single Flute 82 Degree Countersink	6	1	6	41	82°
M0424100AM	£19.27	10mm Single Flute 82 Degree Countersink	10	1	8	46	82°
M0424120AM	£21.99	12mm Single Flute 82 Degree Countersink	12	2	10	51	82°
M0424150AM	£25.83	15mm Single Flute 82 Degree Countersink	15	2	12	56	82°
M0424200AM	£44.14	20mm Single Flute 82 Degree Countersink	20	2	12	66	82°
M0424250AM	£70.48	25mm Single Flute 82 Degree Countersink	25	3	12	80	82°
M0424300AM	£98.41	30mm Single Flute 82 Degree Countersink	30	3	12	90	82°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 82 Degree 3 Flute Countersinks Supplied by Magafor

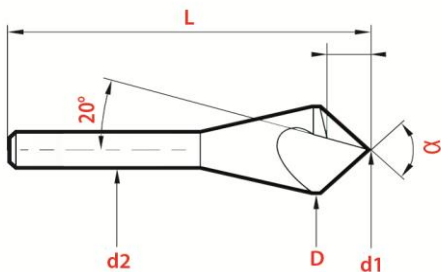
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0434064AM	£13.05	1/4" 3 Flute 82 Degree Countersink	6.35	1.5	6.35	45	82°
M0434079AM	£14.87	5/16" 3 Flute 82 Degree Countersink	7.93	2.0	6.35	45	82°
M0434095AM	£15.09	3/8" 3 Flute 82 Degree Countersink	9.52	2.5	6.35	50	82°
M0434104AM	£32.50	10.4mm 3 Flute 82 Degree Countersink	10.40	2.5	6.00	50	82°
M0434127AM	£17.81	1/2" 3 Flute 82 Degree Countersink	15.87	2.9	6.35	50	82°
M0434158AM	£18.60	5/8" 3 Flute 82 Degree Countersink	19.05	3.2	9.52	60	82°
M0434165AM	£48.56	16.5mm 3 Flute 82 Degree Countersink	16.50	3.2	10.00	61	82°
M0434191AM	£28.88	3/4" 3 Flute 82 Degree Countersink	19.05	3.5	9.52	60	82°
M0434254AM	£44.71	1" 3 Flute 82 Degree Countersink	25.40	3.8	9.52	70	82°



Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

## 82 Degree Single Flute Countersinks with TiN Coating Supplied by Magafor

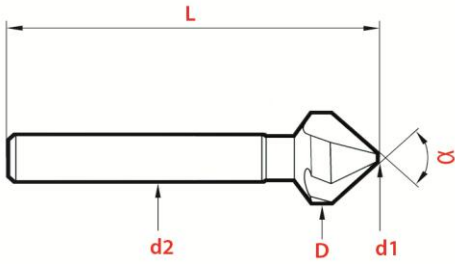
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4824254AM	£89.13	25.4mm Single Flute 82 Degree TIN Countersink	25.40	3.0	12.7	70	82°
M4824318AM	£126.44	31.75mm Single Flute 82 Degree TIN Countersink	31.75	3.0	12.7	70	82°



Tolerance			
D	d	L	$\alpha$
0.3	h9	$\pm 1$	-1°

## 82 Degree 3 Flute Countersinks with TiN Coating Supplied by Magafor

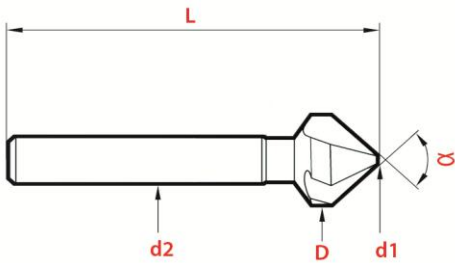
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4834124AM	£50.48	12.4mm 3 Flute 82 Degree TIN Countersink	12.4	2.8	83	56	82°



Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

## 82 Degree 3 Flute Carbide Countersinks Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M84340104	£146.68	10.4mm 3 Flute 82 Degree Carbide Countersink	10.4	2.5	6	50	82°
M84340124	£160.35	12.4mm 3 Flute 82 Degree Carbide Countersink	12.4	2.8	8	56	82°
M84340165	£183.42	16.5mm 3 Flute 82 Degree Carbide Countersink	16.5	3.2	10	61	82°
M84340205	£259.05	20.5mm 3 Flute 82 Degree Carbide Countersink	20.5	3.5	10	64	82°
M84340250	£341.23	25mm 3 Flute 82 Degree Carbide Countersink	25.0	3.8	10	68	82°

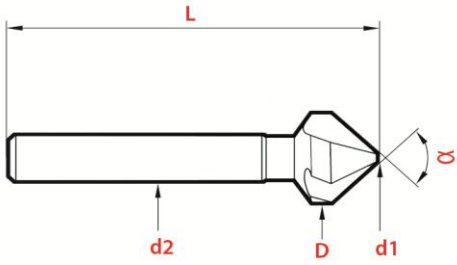


Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

# 82 Degree 3 Flute Carbide Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M8434H104	£162.05	10.4mm 3 Flute 82 Degree Carbide Hard-X Countersink	10.4	2.5	6.3	50	82°
M8434H124	£177.88	12.4mm 3 Flute 82 Degree Carbide Hard-X Countersink	12.4	2.8	8.3	56	82°
M8434H165	£200.94	16.5mm 3 Flute 82 Degree Carbide Hard-X Countersink	16.5	3.2	10.7	61	82°
M8434H205	£278.72	20.5mm 3 Flute 82 Degree Carbide Hard-X Countersink	20.5	3.5	10.7	64	82°
M8434H250	£366.33	25mm 3 Flute 82 Degree Carbide Hard-X Countersink	25.0	3.8	10.7	68	82°

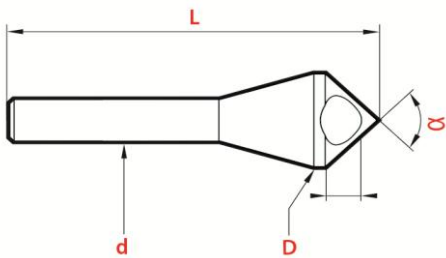


Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

# 90 Degree Hole Type Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M0411000AM	£19.61	No 0 Hole Type 90 Degree Countersink	1/4"	2-5	1/4"	45	90°
M0411001AM	£11.48	No 1 Hole Type 90 Degree Countersink	7/16"	5-10	1/4"	45	90°
M0411002AM	£15.65	No 2 Hole Type 90 Degree Countersink	9/16"	6-13	1/4"	50	90°
M0411003AM	£28.88	No 3 Hole Type 90 Degree Countersink	13/16"	9-18	1/4"	66	90°
M0411004AM	£61.10	No 4 Hole Type 90 Degree Countersink	1.3/16"	12-28	1/4"	78	90°
M0411050AM	£10.91	10mm (CAP 2-5) 90 Degree Hole Type Countersink	5	2-5	6	78	90°
M0411100AM	£10.91	10mm (CAP 4-9) 90 Degree Hole Type Countersink	10	4-9	6	45	90°
M0411150AM	£15.09	15mm Hole Type 90 Degree Countersink	15	6-14	8	55	90°
M0411200AM	£31.03	20mm Hole Type 90 Degree Countersink	20	8-18	10	65	90°
M0411250AM	£37.25	25mm Hole Type 90 Degree Countersink	25	10-23	12	78	90°
M0411280AM	£47.87	28mm Hole Type 90 Degree Countersink	28	11-26	12	78	90°
M0411300AM	£50.48	30mm Hole Type 90 Degree Countersink	30	12-28	12	87	90°
M0411350AM	£71.61	35mm Hole Type 90 Degree Countersink	35	14-33	16	106	90°
M0411400AM	£121.47	40mm Hole Type 90 Degree Countersink	40	16-38	16	121	90°
M0411500AM	£173.92	50mm Hole Type 90 Degree Countersink	50	20-48	16	130	90°
M0411630AM	£231.24	63mm Hole Type 90 Degree Taper Shank Countersink MT3	63	26-60	-	184	90°
M0411800AM	£428.84	80mm Hole Type 90 Degree Taper Shank Countersink MT4	80	32-77	-	229	90°

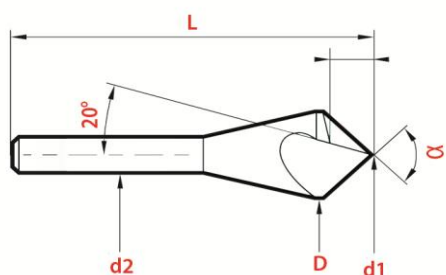


Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

# 90 Degree Single Flute Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0421040AM	£8.76	4mm Single Flute 90 Degree Countersink	4	1	4	40	90°
M0421050AM	£9.33	5mm Single Flute 90 Degree Countersink	5	1	5	40	90°
M0421060AM	£9.78	6mm Single Flute 90 Degree Countersink	6	1	6	40	90°
M0421080AM	£10.79	8mm Single Flute 90 Degree Countersink	8	1	6	40	90°
M0421100AM	£11.92	10mm Single Flute 90 Degree Countersink	10	1	6	45	90°
M0421120AM	£14.08	12mm Single Flute 90 Degree Countersink	12	2	8	50	90°
M0421150AM	£15.09	15mm Single Flute 90 Degree Countersink	15	2	8	55	90°
M0421200AM	£26.74	20mm Single Flute 90 Degree Countersink	20	2	10	65	90°
M0421250AM	£37.25	25mm Single Flute 90 Degree Countersink	25	3	12	78	90°
M0421300AM	£50.48	30mm Single Flute 90 Degree Countersink	30	3	12	88	90°
M0421350AM	£83.48	35mm Single Flute 90 Degree Countersink Tri-Flat Shank	35	4	16	103	90°
M0421400AM	£105.42	40mm Single Flute 90 Degree Countersink Tri-Flat Shank	40	5	16	118	90°
M0421500AM	£145.09	50mm Single Flute 90 Degree Countersink Tri-Flat Shank	50	12	16	126	90°



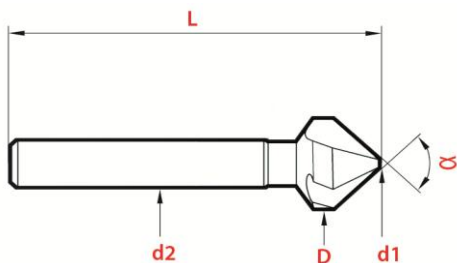
Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

# 90 Degree 3 Flute Countersinks

## Supplied by Magafor

Continued on next page →→→

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0431040M	£13.96	4mm 3 Flute 90 Degree Countersink	4.0	1.3	4	40	90°
M0431043AM	£10.79	4.3mm 3 Flute 90 Degree Countersink	4.3	1.3	4	40	90°
M0431050AM	£10.79	5mm 3 Flute 90 Degree Countersink	5.0	1.5	4	40	90°
M0431053AM	£10.79	5.3mm 3 Flute 90 Degree Countersink	5.3	1.5	4	40	90°
M0431058AM	£11.92	5.8mm 3 Flute 90 Degree Countersink	5.8	1.5	5	45	90°
M0431060AM	£10.79	6mm 3 Flute 90 Degree Countersink	6.0	1.5	5	45	90°
M0431063AM	£10.79	6.3mm 3 Flute 90 Degree Countersink	6.3	1.5	5	45	90°
M0431064AM	£10.91	1/4" 3 Flute 90 Degree Countersink	1/4"				90°
M0431070AM	£12.49	7mm 3 Flute 90 Degree Countersink	7.0	1.8	6	50	90°
M0431073AM	£12.49	7.3mm 3 Flute 90 Degree Countersink	7.3	1.8	6	50	90°
M0431079AM	£12.38	5/16" 3 Flute 90 Degree Countersink	7.9	2.0	6	45	90°
M0431080AM	£12.49	8mm 3 Flute 90 Degree Countersink	8.0	2.0	6	50	90°
M0431083AM	£12.49	8.3mm 3 Flute 90 Degree Countersink	8.3	2.0	6	50	90°
M0431090AM	£12.49	9mm 3 Flute 90 Degree Countersink	9.0	2.2	6	50	90°
M0431094AM	£12.49	9.4mm 3 Flute 90 Degree Countersink	9.4	2.2	6	50	90°
M0431095AM	£12.72	3/8" 3 Flute 90 Degree Countersink	9.5	2.5	6	50	90°
M0431100AM	£12.49	10mm 3 Flute 90 Degree Countersink	10.0	2.5	6	50	90°
M0431104AM	£12.49	10.4mm 3 Flute 90 Degree Countersink	10.4	2.5	6	50	90°
M0431115AM	£15.09	11.5mm 3 Flute 90 Degree Countersink	11.5	2.8	8	56	90°
M0431120AM	£15.09	12mm 3 Flute 90 Degree Countersink	12.0	2.8	8	56	90°
M0431124AM	£15.09	12.4mm 3 Flute 90 Degree Countersink	12.4	2.8	8	56	90°



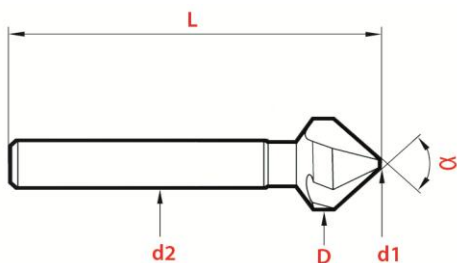
Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

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# 90 Degree 3 Flute Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0431127AM	£14.87	1/2" 3 Flute 90 Degree Countersink	12.7	2.9	8	50	90°
M0431134AM	£16.22	13.4mm 3 Flute 90 Degree Countersink	13.4	2.9	8	56	90°
M0431144AM	£14.87	14.4mm 3 Flute 90 Degree Countersink	14.4	2.9	8	56	90°
M0431150AM	£15.09	15mm 3 Flute 90 Degree Countersink	15.0	3.2	8	60	90°
M0431158AM	£15.09	5/8" 3 Flute 90 Degree Countersink	15.9	3.2	10	60	90°
M0431165AM	£15.09	16.5mm 3 Flute 90 Degree Countersink	16.5	3.2	8	60	90°
M0431190AM	£24.13	19mm 3 Flute 90 Degree Countersink	19.0	3.5	10	63	90°
M0431191AM	£24.25	3/4" 3 Flute 90 Degree Countersink	19.1	3.5	10	60	90°
M0431205AM	£24.13	20.5mm 3 Flute 90 Degree Countersink	20.5	3.5	10	63	90°
M0431230AM	£38.38	23mm 3 Flute 90 Degree Countersink	23.0	3.8	10	67	90°
M0431250AM	£37.25	25mm 3 Flute 90 Degree Countersink	25.0	3.8	10	67	90°
M0431254AM	£37.36	1" 3 Flute 90 Degree Countersink	25.4	3.8	10	67	90°
M0431260AM	£50.59	26mm 3 Flute 90 Degree Countersink	26.0	3.8	10	67	90°
M0431280AM	£46.30	28mm 3 Flute 90 Degree Countersink	28.0	3.8	12	71	90°
M0431300AM	£60.20	30mm 3 Flute 90 Degree Countersink	30.0	4.0	12	71	90°
M0431310AM	£53.08	31mm 3 Flute 90 Degree Countersink	31.0	4.2	12	71	90°
M0431350AM	£71.50	35mm 3 Flute 90 Degree Countersink Tri-Flat Shank	35.0	4.5	16	103	90°
M0431400AM	£127.01	40mm 3 Flute 90 Degree Countersink Tri-Flat Shank	40.0	4.5	16	118	90°
M0431500AM	£175.05	50mm 3 Flute 90 Degree Countersink Tri-Flat Shank	50.0	5.0	16	126	90°
M0431630AM	£243.90	63mm 3 Flute 90 Degree Countersink Tri-Flat Shank	63.0	10.0	16	140	90°
M0431800AM	£456.54	80mm 3 Flute 90 Degree Countersink Tri-Flat Shank	80.0	14.0	16	166	90°



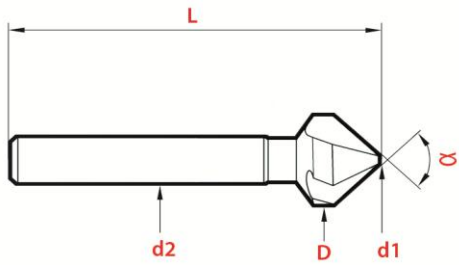
Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°



# 90 Degree 3 Flute Cobalt Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0436063AM	£24.36	6.3mm 3 Flute 90 Degree M42 Countersink	6.3	1.5	5	45	90°
M0436083AM	£27.87	8.3mm 3 Flute 90 Degree M42 Countersink	8.3	2.0	6	50	90°
M0436104AM	£32.61	10.4mm 3 Flute 90 Degree M42 Countersink	10.4	2.5	6	50	90°
M0436124AM	£37.59	12.4mm 3 Flute 90 Degree M42 Countersink	12.4	2.8	8	56	90°
M0436165AM	£48.56	16.5mm 3 Flute 90 Degree M42 Countersink	16.5	3.2	10	60	90°
M0436205AM	£61.79	20.5mm 3 Flute 90 Degree M42 Countersink	20.5	3.5	10	63	90°
M0436250AM	£71.61	25mm 3 Flute 90 Degree M42 Countersink	25.0	3.8	10	67	90°
M0436310AM	£119.78	31mm 3 Flute 90 Degree M42 Countersink	31.0	4.2	12	71	90°

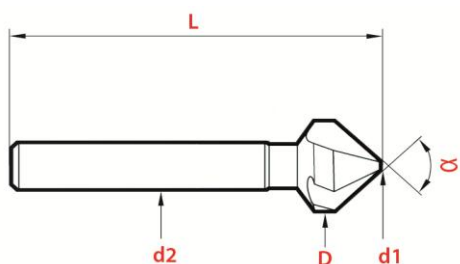


Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 90 Degree 3 Flute Anti-Chatter Countersinks

## Supplied by Magafor

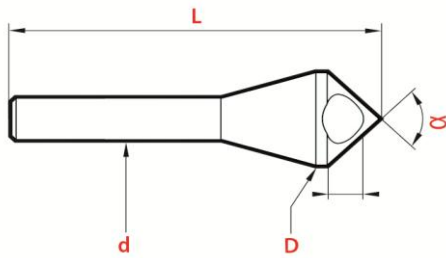
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M043A043	£17.35	4.3mm 3 Flute Anti-Chatter 90 Degree Countersink	4.3	1.3	4	40	90°
M043A053	£17.35	5.3mm 3 Flute Anti-Chatter 90 Degree Countersink	5.3	1.5	4	40	90°
M043A060	£17.35	6mm 3 Flute Anti-Chatter 90 Degree Countersink	6.0	1.5	5	45	90°
M043A063	£17.35	6.3mm 3 Flute Anti-Chatter 90 Degree Countersink	6.3	1.5	5	45	90°
M043A080	£19.50	8mm 3 Flute Anti-Chatter 90 Degree Countersink	8.0	2.0	6	50	90°
M043A083	£19.50	8.3mm 3 Flute Anti-Chatter 90 Degree Countersink	8.3	2.0	6	50	90°
M043A094	£22.89	9.4mm 3 Flute Anti-Chatter 90 Degree Countersink	9.4	2.2	6	50	90°
M043A100	£22.89	10mm 3 Flute Anti-Chatter 90 Degree Countersink	10.0	2.5	6	50	90°
M043A104	£22.89	10.4mm 3 Flute Anti-Chatter 90 Degree Countersink	10.4	2.5	6	50	90°
M043A115	£26.62	11.5mm 3 Flute Anti-Chatter 90 Degree Countersink	11.5	2.8	8	56	90°
M043A120	£26.62	12mm 3 Flute Anti-Chatter 90 Degree Countersink	12.0	2.8	8	56	90°
M043A124	£26.62	12.4mm 3 Flute Anti-Chatter 90 Degree Countersink	12.4	2.8	8	56	90°
M043A150	£33.74	15mm 3 Flute Anti-Chatter 90 Degree Countersink	15.0	3.2	10	60	90°
M043A165	£33.74	16.5mm 3 Flute Anti-Chatter 90 Degree Countersink	16.5	3.2	10	60	90°
M043A205	£43.13	20.5mm 3 Flute Anti-Chatter 90 Degree Countersink	20.5	3.5	10	63	90°
M043A250	£55.68	25mm 3 Flute Anti-Chatter 90 Degree Countersink	25.0	3.8	10	67	90°
M043A280	£69.35	28mm 3 Flute Anti-Chatter 90 Degree Countersink	28.0	4.0	12	71	90°
M043A300	£80.88	30mm 3 Flute Anti-Chatter 90 Degree Countersink	30.0	4.2	12	71	90°
M043A310	£80.88	31mm 3 Flute Anti-Chatter 90 Degree Countersink	31.0	4.2	12	71	90°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

## 90 Degree Hole Type Countersinks with TiN Coating Supplied by Magafor

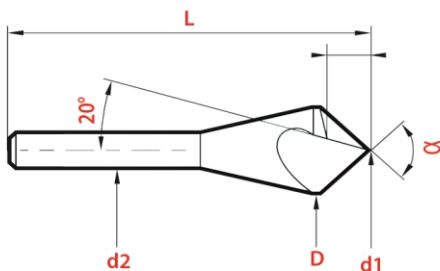
Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M4811050AM	£20.86	5mm Hole Type 90 Degree TIN Countersink	5	2-5	6	78	90°
M4811100AM	£20.86	10mm Hole Type 90 Degree TIN Countersink	10	4-9	6	45	90°
M4811150AM	£27.75	15mm Hole Type 90 Degree TIN Countersink	15	6-14	8	55	90°
M4811200AM	£45.27	20mm Hole Type 90 Degree TIN Countersink	20	8-18	10	65	90°
M4811250AM	£67.21	25mm Hole Type 90 Degree TIN Countersink	25	10-23	12	78	90°
M4811280AM	£84.73	28mm Hole Type 90 Degree TIN Countersink	28	11-26	12	78	90°
M4811300AM	£93.55	30mm Hole Type 90 Degree TIN Countersink	30	12-28	12	87	90°
M4811350AM	£108.81	35mm Hole Type 90 Degree TIN Countersink	35	14-33	16	106	90°
M4811400AM	£137.30	40mm Hole Type 90 Degree TIN Countersink	40	16-38	16	121	90°
M4811500AM	£194.39	50mm Hole Type 90 Degree TIN Countersink	50	20-48	16	130	90°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 90 Degree Single Flute Countersinks with TiN Coating Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M4821047AM	£20.74	3/16" Single Flute 90 Degree TIN-E Countersink	4.76	1	4.76	35	90°
M4821060AM	£20.07	6mm Single Flute 90 Degree TIN-E Countersink	6	1	6	40	90°
M4821150AM	£29.11	15mm Single Flute 90 Degree TIN-E Countersink	15	2	8	55	90°
M4821200AM	£42.57	20mm Single Flute 90 Degree TIN-E Countersink	20	2	10	65	90°
M4821250AM	£61.79	25mm Single Flute 90 Degree TIN-E Countersink	25	3	12	78	90°

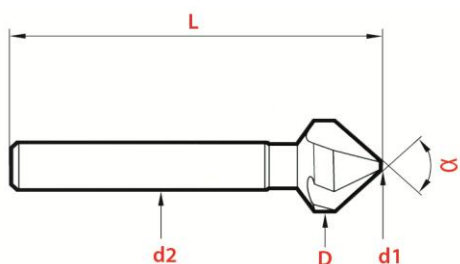


Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

# 90 Degree 3 Flute Countersinks with TiN Coating Supplied by Magafor

Continued on next page →→→

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4831043AM	£19.61	4.3mm 3 Flute 90 Degree TIN-E Countersink	4.3	1.3	4	40	90°
M4831050AM	£19.61	5mm 3 Flute 90 Degree TIN-E Countersink	5.0	1.5	4	40	90°
M4831053AM	£19.61	5.3mm 3 Flute 90 Degree TIN-E Countersink	5.3	1.5	4	40	90°
M4831058AM	£19.61	5.8mm 3 Flute 90 Degree TIN-E Countersink	5.8	1.5	5	45	90°
M4831060AM	£19.61	6mm 3 Flute 90 Degree TIN-E Countersink	6.0	1.5	5	45	90°
M4831063AM	£19.61	6.3mm 3 Flute 90 Degree TIN-E Countersink	6.3	1.5	5	45	90°
M4831070AM	£23.35	7mm 3 Flute 90 Degree TIN-E Countersink	7.0	1.8	6	50	90°
M4831073AM	£23.35	7.3mm 3 Flute 90 Degree TIN-E Countersink	7.3	1.8	6	50	90°
M4831080AM	£23.35	8mm 3 Flute 90 Degree TIN-E Countersink	8.0	2.0	6	50	90°
M4831083AM	£23.35	8.3mm 3 Flute 90 Degree TIN-E Countersink	8.3	2.0	6	50	90°
M4831090AM	£26.17	9mm 3 Flute 90 Degree TIN-E Countersink	9.0	2.2	6	50	90°
M4831094AM	£26.17	9.4mm 3 Flute 90 Degree TIN-E Countersink	9.4	2.2	6	50	90°
M4831100AM	£26.17	10mm 3 Flute 90 Degree TIN-E Countersink	10.0	2.5	6	50	90°
M4831104AM	£26.17	10.4mm 3 Flute 90 Degree TIN-E Countersink	10.4	2.5	6	50	90°
M4831115AM	£30.13	11.5mm 3 Flute 90 Degree TIN-E Countersink	11.5	2.8	8	56	90°

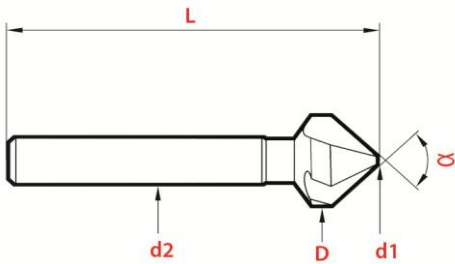


Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

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# 90 Degree 3 Flute Countersinks with TiN Coating Supplied by Magafor

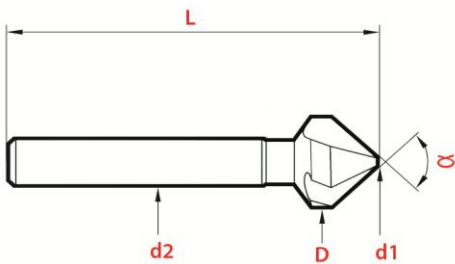
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4831120AM	£30.13	12mm 3 Flute 90 Degree TIN-E Countersink	12.0	2.8	8	56	90°
M4831124AM	£30.13	12.4mm 3 Flute 90 Degree TIN-E Countersink	12.4	2.8	8	56	90°
M4831134AM	£37.02	13.4mm 3 Flute 90 Degree TIN-E Countersink	13.4	2.9	8	56	90°
M4831144AM	£37.02	14.4mm 3 Flute 90 Degree TIN-E Countersink	14.4	2.9	8	56	90°
M4831150AM	£37.02	15mm 3 Flute 90 Degree TIN-E Countersink	15.0	3.2	8	60	90°
M4831165AM	£37.02	16.5mm 3 Flute 90 Degree TIN-E Countersink	16.5	3.2	8	60	90°
M4831190AM	£46.40	19mm 3 Flute 90 Degree TIN-E Countersink	19.0	3.5	10	63	90°
M4831205AM	£46.40	20.5mm 3 Flute 90 Degree TIN-E Countersink	20.5	3.5	10	63	90°
M4831230AM	£59.52	23mm 3 Flute 90 Degree TIN-E Countersink	23.0	3.8	10	67	90°
M4831250AM	£59.52	25mm 3 Flute 90 Degree TIN-E Countersink	25.0	3.8	10	67	90°
M4831260AM	£72.63	26mm 3 Flute 90 Degree TIN-E Countersink	26.0	3.8	10	67	90°
M4831280AM	£72.63	28mm 3 Flute 90 Degree TIN-E Countersink	28.0	4.0	10	71	90°
M4831300AM	£84.73	30mm 3 Flute 90 Degree TIN-E Countersink	30.0	4.2	12	71	90°
M4831310AM	£84.73	31mm 3 Flute 90 Degree TIN-E Countersink	31.0	4.2	12	71	90°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 90 Degree 3 Flute Anti-Chatter Countersinks with TiN Coating Supplied by Magafor

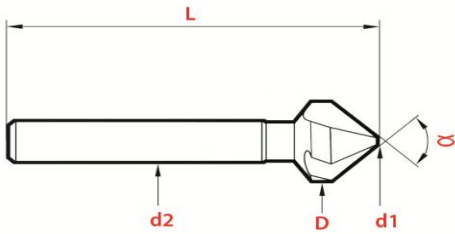
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M483A043	£21.76	4.3mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	4.3	1.3	4	40	90°
M483A053	£21.76	5.3mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	5.3	1.5	4	40	90°
M483A060	£21.76	6mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	6.0	1.5	5	45	90°
M483A063	£21.76	6.3mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	6.3	1.5	5	45	90°
M483A080	£25.04	8mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	8.0	2.0	6	50	90°
M483A083	£25.04	8.3mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	8.3	2.0	6	50	90°
M483A094	£28.54	9.4mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	9.4	2.2	6	50	90°
M483A100	£28.54	10mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	10.0	2.5	6	50	90°
M483A104	£28.54	10.4mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	10.4	2.5	6	50	90°
M483A115	£33.29	11.5mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	11.5	2.8	8	56	90°
M483A120	£33.29	12mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	12.0	2.8	8	56	90°
M483A124	£33.29	12.4mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	12.4	2.8	8	56	90°
M483A150	£41.44	15mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	15.0	3.2	10	60	90°
M483A165	£41.44	16.5mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	16.5	3.2	10	60	90°
M483A205	£51.83	20.5mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	20.5	3.5	10	63	90°
M483A250	£66.64	25mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	25.0	3.8	10	67	90°
M483A280	£81.45	28mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	28.0	4.0	12	71	90°
M483A300	£94.11	30mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	30.0	4.2	12	71	90°
M483A310	£94.11	31mm 3 Flute Anti-Chatter 90 Degree TiN Countersink	31.0	4.2	12	71	90°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 90 Degree 3 Flute Countersinks with Cobalt Red-X Coating Supplied by Magafor

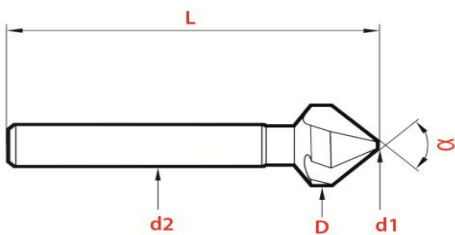
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4936063AM	£29.68	6.3mm 3 Flute 90 Degree M42 TICN-E Countersink	6.3	1.5	5	45	90°
M4936083AM	£35.89	8.3mm 3 Flute 90 Degree M42 TICN-E Countersink	8.3	2.0	6	50	90°
M4936104AM	£40.41	10.4mm 3 Flute 90 Degree M42 TICN-E Countersink	10.4	2.5	6	50	90°
M4936124AM	£46.40	12.4mm 3 Flute 90 Degree M42 TICN-E Countersink	12.4	2.8	8	56	90°
M4936165AM	£57.94	16.5mm 3 Flute 90 Degree M42 TICN-E Countersink	16.5	3.2	10	60	90°
M4936205AM	£73.76	20.5mm 3 Flute 90 Degree M42 TICN-E Countersink	20.5	3.5	10	63	90°
M4936250AM	£84.17	25mm 3 Flute 90 Degree M42 TICN-E Countersink	25.0	3.8	10	67	90°
M4936310AM	£136.28	31mm 3 Flute 90 Degree M42 TICN-E Countersink	31.0	4.2	12	71	90°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 90 Degree 3 Flute Anti-Chatter Countersinks with Red-X Coating Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M493A043	£23.35	4.3mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	4.3	1.3	4	40	90°
M493A053	£23.35	5.3mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	5.3	1.5	4	40	90°
M493A060	£23.35	6mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	6.0	1.5	5	45	90°
M493A063	£23.35	6.3mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	6.3	1.5	5	45	90°
M493A080	£25.83	8mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	8.0	2.0	6	50	90°
M493A083	£25.83	8.3mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	8.3	2.0	6	50	90°
M493A094	£30.81	9.4mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	9.4	2.2	6	50	90°
M493A100	£30.81	10mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	10.0	2.5	6	50	90°
M493A104	£30.81	10.4mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	10.4	2.5	6	50	90°
M493A115	£36.00	11.5mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	11.5	2.8	8	56	90°
M493A120	£36.00	12mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	12.0	2.8	8	56	90°
M493A124	£36.00	12.4mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	12.4	2.8	8	56	90°
M493A150	£44.71	15mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	15.0	3.2	10	60	90°
M493A165	£44.71	16.5mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	16.5	3.2	10	60	90°
M493A205	£55.68	20.5mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	20.5	3.5	10	63	90°
M493A250	£71.05	25mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	25.0	3.8	10	67	90°
M493A280	£86.43	28mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	28.0	4.0	12	71	90°
M493A300	£99.54	30mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	30.0	4.2	12	71	90°
M493A310	£99.54	31mm 3 Flute Anti-Chatter 90 Degree RED-X Countersink	31.0	4.2	12	71	90°



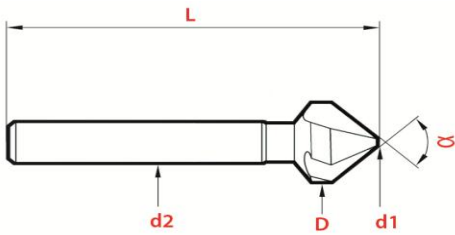
Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°



# 90 Degree 3 Flute Carbide Countersinks

## Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M8431043AM	£60.65	4.3mm 3 Flute 90 Degree Carbide Countersink	4.3	1.3	4	40	90°
M8431053AM	£65.06	5.3mm 3 Flute 90 Degree Carbide Countersink	5.3	1.5	4	40	90°
M8431063AM	£69.35	6.3mm 3 Flute 90 Degree Carbide Countersink	6.3	1.5	5	45	90°
M8431083AM	£81.45	8.3mm 3 Flute 90 Degree Carbide Countersink	8.3	2.0	6	50	90°
M8431104AM	£90.26	10.4mm 3 Flute 90 Degree Carbide Slug Countersink	10.4	2.5	6	50	90°
M8431104AMH	£105.53	10.4mm 3 Flute 90 Degree Hard-X Carbide Slug End Countersink	10.4	2.5	6	50	90°
M8431124AM	£96.83	12.4mm 3 Flute 90 Degree Carbide Slug Countersink Tri-Flat Shank	12.4	2.8	8	56	90°
M8431124AMH	£105.53	12.4mm 3 Flute 90 Degree Hard-X Carbide Slug End Countersink	12.4	2.8	8	56	90°
M8431165AM	£108.81	16.5mm 3 Flute 90 Degree Carbide Slug Countersink Tri-Flat Shank	16.5	3.2	10	60	90°
M8431205AM	£159.22	20.5mm 3 Flute 90 Degree Carbide Slug Countersink Tri-Flat Shank	20.5	3.5	10	63	90°
M8431250AM	£208.52	25mm 3 Flute 90 Degree Carbide Slug Countersink Tri-Flat Shank	25.0	3.8	10	67	90°
M8431310AM	£284.26	31mm 3 Flute 90 Degree Carbide Slug Countersink Tri-Flat Shank	31.0	4.2	12	71	90°

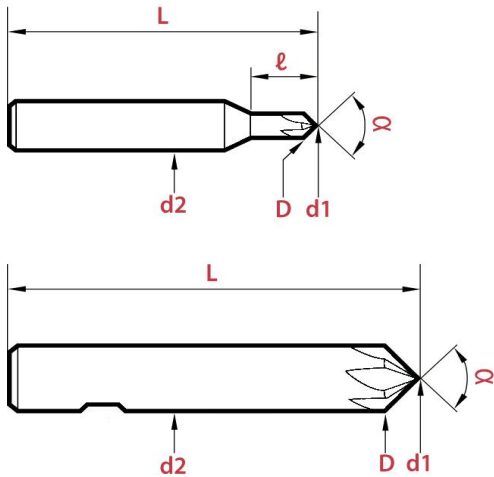


Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 90 Degree Multi Flute Carbide Countersinks

## Supplied by Magafor

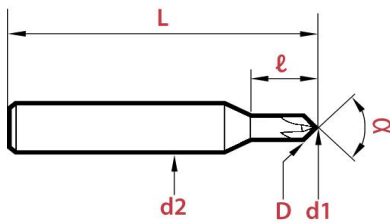
Part Number	Price	Description	Dimensions						
			D	d1	L	ℓ	d2	z	α
M84390005	£42.57	0.5mm Carbide 90 Degree Multi Flute Countersink	0.5	0.1	39	3.0	3	3	90°
M84390006	£42.57	0.6mm Carbide 90 Degree Multi Flute Countersink	0.6	0.1	39	3.0	3	3	90°
M84390007	£42.57	0.7mm Carbide 90 Degree Multi Flute Countersink	0.7	0.1	39	3.0	3	3	90°
M84390008	£42.57	0.8mm Carbide 90 Degree Multi Flute Countersink	0.8	0.1	39	3.0	3	3	90°
M84390009	£42.57	0.9mm Carbide 90 Degree Multi Flute Countersink	0.9	0.1	39	3.0	3	3	90°
M84390010	£37.02	1mm Carbide 90 Degree Multi Flute Countersink	1.0	0.1	39	3.0	3	3	90°
M84390015	£37.02	1.5mm Carbide 90 Degree Multi Flute Countersink	1.5	0.1	39	4.5	3	3	90°
M84390020	£37.02	2mm Carbide 90 Degree Multi Flute Countersink	2.0	0.1	39	6.0	3	3	90°
M84390025	£37.02	2.5mm Carbide 90 Degree Multi Flute Countersink	2.5	0.1	39	7.5	3	3	90°
M84390030	£34.31	3mm Carbide 90 Degree Multi Flute Countersink	3.0	0.1	39	-	3	4	90°
M84390040	£34.31	4mm Carbide 90 Degree Multi Flute Countersink	4.0	0.8	54	-	4	4	90°
M84390060	£39.85	6mm Carbide 90 Degree Multi Flute Countersink	6.0	0.8	57	-	6	5	90°
M84390080	£45.27	8mm Carbide 90 Degree Multi Flute Countersink	8.0	0.8	63	-	8	6	90°
M84390100	£53.52	10mm Carbide 90 Degree Multi Flute Countersink	10.0	1.0	72	-	10	6	90°
M84390120	£78.18	12mm Carbide 90 Degree Multi Flute Countersink	12.0	1.2	83	-	12	6	90°
M84390160	£102.82	16mm Carbide 90 Degree Multi Flute Countersink	16.0	1.6	92	-	16	6	90°
M84390200	£248.09	20mm Carbide 90 Degree Multi Flute Countersink	20.0	2.0	104	-	20	6	90°



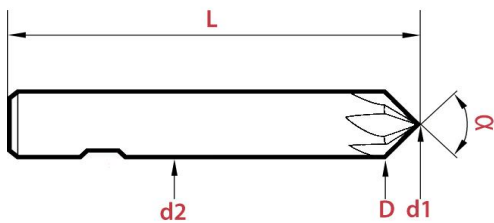
Tolerance			
D	d	L	α
z9	h9	±1	-1°

# 90 Degree Multi Flute Countersinks with Carbide Hard-X Coating Supplied by Magafor

Part Number	Price	Description	Dimensions						
			D	d1	L	ℓ	d2	z	α
M8439H005	£46.97	0.5mm Carbide-HX 90 Degree Multi Flute Countersink	0.5	0.1	39	3.0	3	3	90°
M8439H006	£46.97	0.6mm Carbide-HX 90 Degree Multi Flute Countersink	0.6	0.1	39	3.0	3	3	90°
M8439H007	£46.97	0.7mm Carbide-HX 90 Degree Multi Flute Countersink	0.7	0.1	39	3.0	3	3	90°
M8439H008	£46.97	0.8mm Carbide-HX 90 Degree Multi Flute Countersink	0.8	0.1	39	3.0	3	3	90°
M8439H009	£46.97	0.9mm Carbide-HX 90 Degree Multi Flute Countersink	0.9	0.1	39	3.0	3	3	90°
M8439H010	£41.44	1mm Carbide-HX 90 Degree Multi Flute Countersink	1.0	0.1	39	3.0	3	3	90°
M8439H015	£41.44	1.5mm Carbide-HX 90 Degree Multi Flute Countersink	1.5	0.1	39	4.5	3	3	90°
M8439H020	£41.44	2mm Carbide-HX 90 Degree Multi Flute Countersink	2.0	0.1	39	6.0	3	3	90°
M8439H025	£41.44	2.5mm Carbide-HX 90 Degree Multi Flute Countersink	2.5	0.1	39	7.5	3	3	90°
M8439H030	£38.72	3mm Carbide-HX 90 Degree Multi Flute Countersink	3.0	0.1	39	-	3	4	90°
M8439H040	£38.72	4mm Carbide-HX 90 Degree Multi Flute Countersink	4.0	0.8	54	-	4	4	90°
M8439H060	£44.14	6mm Carbide-HX 90 Degree Multi Flute Countersink	6.0	0.8	57	-	6	5	90°
M8439H080	£49.69	8mm Carbide-HX 90 Degree Multi Flute Countersink	8.0	0.8	63	-	8	6	90°
M8439H100	£58.96	10mm Carbide-HX 90 Degree Multi Flute Countersink	10.0	1.0	72	-	10	6	90°
M8439H120	£84.73	12mm Carbide-HX 90 Degree Multi Flute Countersink	12.0	1.2	83	-	12	6	90°
M8439H160	£112.09	16mm Carbide-HX 90 Degree Multi Flute Countersink	16.0	1.6	92	-	16	6	90°
M8439H200	£260.63	20mm Carbide-HX 90 Degree Multi Flute Countersink	20.0	2.0	104	-	20	6	90°



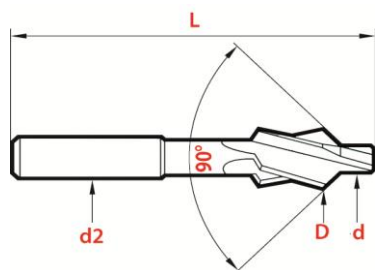
Tolerance			
D	d	L	α
z9	h9	±1	-1°



# 90 Degree Piloted Countersinks DIN 1866

Supplied by Magafor

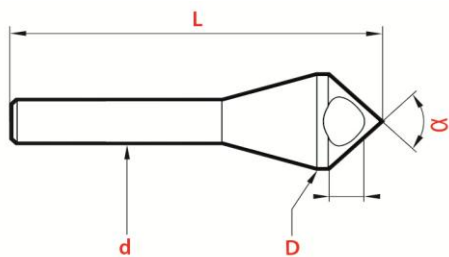
Part Number	Price	Description	Dimensions				
			D	d	L	d2	$\alpha$
M0032010AM	£21.99	2mm 90 Degree Piloted Countersink	2.0	1.1	45	D	90°
M0032012AM	£21.99	2.5mm 90 Degree Piloted Countersink	2.5	1.3	45	D	90°
M0032014AM	£18.71	2.8mm 90 Degree Piloted Countersink	2.8	1.5	45	D	90°
M0032016AM	£18.71	3.3mm 90 Degree Piloted Countersink	3.3	1.7	56	D	90°
M0032018AM	£20.07	3.8mm 90 Degree Piloted Countersink	3.8	1.9	56	D	90°
M0032020AM	£20.07	4.3mm 90 Degree Piloted Countersink	4.3	2.2	56	D	90°
M0032025AM	£20.07	5mm 90 Degree Piloted Countersink	5.0	2.7	56	D	90°
M0032030AM	£23.00	6mm 90 Degree Piloted Countersink	6.0	3.2	71	D	90°
M0032035AM	£23.91	7mm 90 Degree Piloted Countersink	7.0	3.7	71	D	90°
M0032040AM	£24.92	8mm 90 Degree Piloted Countersink	8.0	4.3	71	D	90°
M0032050AM	£28.21	10mm 90 Degree Piloted Countersink	10.0	5.3	80	D	90°
M0032060AM	£33.52	11mm 90 Degree Piloted Countersink	11.0	6.4	80	D	90°
M0032080AM	£45.50	15mm 90 Degree Piloted Countersink	15.0	8.4	100	12.5	90°
M0032100AM	£66.42	19mm 90 Degree Piloted Countersink	19.0	10.5	100	12.5	90°



Tolerance			
D	d	L	$\alpha$
z9	e8	$\pm 1$	-1°

## 100 Degree Hole Type Countersinks Supplied by Magafor

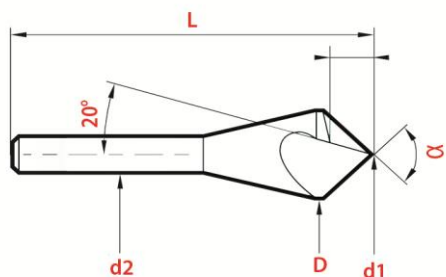
Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M0415150AM	£31.03	15mm Hole Type 100 Degree Countersink	15	6-14	8	54	100°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 100 Degree Single Flute Countersinks Supplied by Magafor

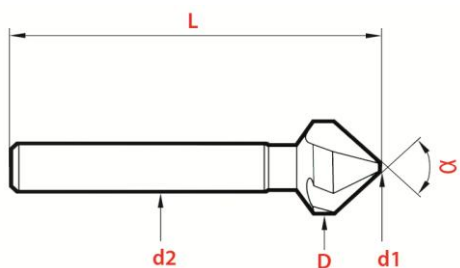
Part Number	Price	Description	D	Dimensions			$\alpha$
				d1	d2	L	
M0425100AM	£21.99	10mm Single Flute 100 Degree Countersink	10	1	6	43	100°
M0425120AM	£28.09	12mm Single Flute 100 Degree Countersink	12	2	8	48	100°
M0425150AM	£31.03	15mm Single Flute 100 Degree Countersink	15	2	8	52	100°
M0425200AM	£55.11	20mm Single Flute 100 Degree Countersink	20	2	10	63	100°
M0425250AM	£84.73	25mm Single Flute 100 Degree Countersink	25	3	12	63	100°
M0425300AM	£120.91	30mm Single Flute 100 Degree Countersink	30	3	12	66	100°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 100 Degree 3 Flute Countersinks Supplied by Magafor

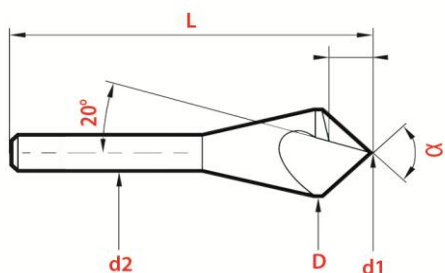
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0435063AM	£37.59	6.3mm 3 Flute 100 Degree Countersink	6.3	1.5	52	44	100°
M0435083AM	£39.28	8.3mm 3 Flute 100 Degree Countersink	8.3	2.0	63	49	100°
M0435104AM	£40.87	10.4mm 3 Flute 100 Degree Countersink	10.4	2.5	63	49	100°
M0435124AM	£51.38	12.4mm 3 Flute 100 Degree Countersink	12.4	2.8	83	55	100°
M0435165AM	£60.09	16.5mm 3 Flute 100 Degree Countersink	16.5	3.2	10	59	100°
M0435205AM	£70.48	20.5mm 3 Flute 100 Degree Countersink	20.5	3.5	10	62	100°
M0435250AM	£84.73	25mm 3 Flute 100 Degree Countersink	25.0	3.8	10	65	100°
M0435310AM	£123.17	31mm 3 Flute 100 Degree Countersink	31.0	4.2	12	68	100°



Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

## 100 Degree Single Flute Countersinks with TiN Coating Supplied by Magafor

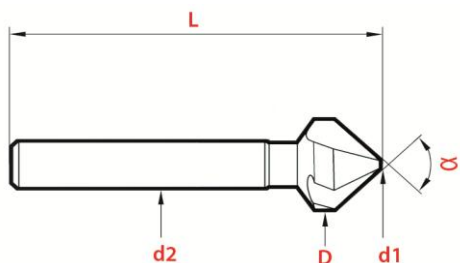
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4825200AM	£66.08	20mm Single Flute 100 Degree TIN Countersink	20	2	10	63	100°



Tolerance			
D	d	L	$\alpha$
0.3	h9	$\pm 1$	-1°

## 100 Degree 3 Flute Countersinks with TiN Coating Supplied by Magafor

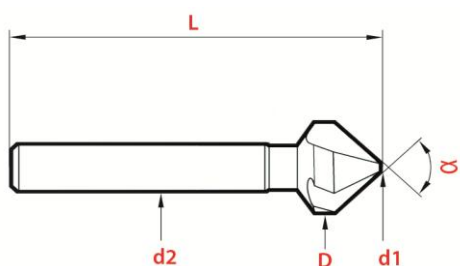
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4835104AM	£46.40	10.4mm 3 Flute 100 Degree TiN Countersink	10.4	2.5	63	49	100°
M4835165AM	£65.62	16.5mm 3 Flute 100 Degree TiN Countersink	16.5	3.2	10	59	100°



Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

## 100 Degree 3 Flute Carbide Countersinks Supplied by Magafor

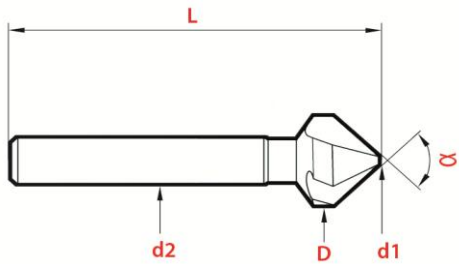
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M84350063	£116.49	6.3mm 3 Flute 100 Degree Carbide Countersink	6.3	1.5	5	44	100°
M84350083	£133.01	8.3mm 3 Flute 100 Degree Carbide Countersink	8.3	2.0	6	49	100°
M84350104	£146.68	10.4mm 3 Flute 100 Degree Carbide Countersink	10.4	2.0	6	49	100°
M84350124	£160.35	12.4mm 3 Flute 100 Degree Carbide Countersink	12.4	2.5	6	49	100°
M84350165	£183.42	16.5mm 3 Flute 100 Degree Carbide Countersink	16.5	2.8	6	49	100°
M84350205	£259.05	20.5mm 3 Flute 100 Degree Carbide Countersink	20.5	3.2	8	55	100°



Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°

# 100 Degree 3 Flute Countersinks with Carbide Hard-X Coating Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M8435H063	£126.44	6.3mm 3 Flute 100 Degree Carbide Hard-X Countersink	6.3	1.5	5	44	100°
M8435H083	£144.98	8.3mm 3 Flute 100 Degree Carbide Hard-X Countersink	8.3	2.0	6	49	100°
M8435H104	£162.05	10.4mm 3 Flute 100 Degree Carbide Hard-X Countersink	10.4	2.0	6	49	100°
M8435H124	£177.88	12.4mm 3 Flute 100 Degree Carbide Hard-X Countersink	12.4	2.5	6	49	100°
M8435H165	£200.94	16.5mm 3 Flute 100 Degree Carbide Hard-X Countersink	16.5	2.8	6	49	100°
M8435H205	£278.72	20.5mm 3 Flute 100 Degree Carbide Hard-X Countersink	20.5	3.2	8	55	100°

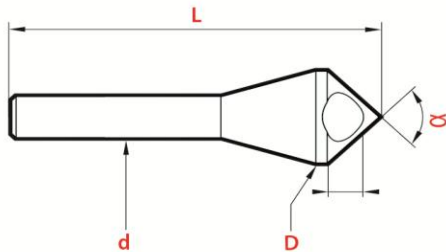


Tolerance			
D	d	L	$\alpha$
z9	h9	$\pm 1$	-1°



## 120 Degree Hole Type Countersinks Supplied by Magafor

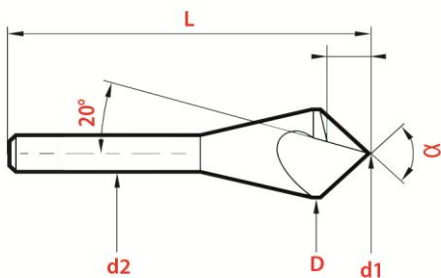
Part Number	Price	Description	Dimensions				
			D	R	d	L	$\alpha$
M0413100AM	£21.99	10mm Hole Type 120 Degree Countersink	10	4-9	6	43	120°
M0413150AM	£31.03	15mm Hole Type 120 Degree Countersink	15	5-19	8	52	120°
M0413200AM	£55.68	20mm Hole Type 120 Degree Countersink	20	6-18	10	61	120°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 120 Degree Single Flute Countersinks Supplied by Magafor

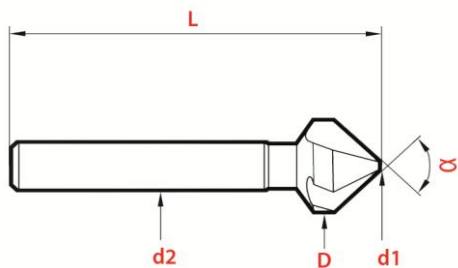
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0423100AM	£21.99	10mm Single Flute 120 Degree Countersink	10	1	6	43	120°
M0423120AM	£28.09	12mm Single Flute 120 Degree Countersink	12	2	8	47	120°
M0423150AM	£31.03	15mm Single Flute 120 Degree Countersink	15	2	8	52	120°
M0423200AM	£55.11	20mm Single Flute 120 Degree Countersink	20	2	10	61	120°
M0423250AM	£84.73	25mm Single Flute 120 Degree Countersink	25	3	12	73	120°
M0423300AM	£120.91	30mm Single Flute 120 Degree Countersink	30	3	12	80	120°



Tolerance			
D	d	L	$\alpha$
+0.3	h9	±1	-1°

## 120 Degree 3 Flute Countersinks Supplied by Magafor

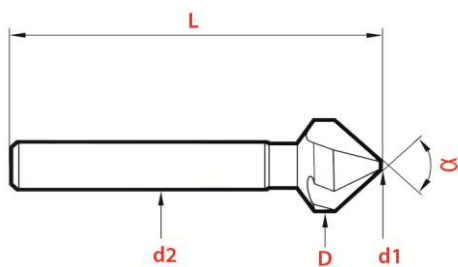
Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M0433063AM	£31.03	6.3mm 3 Flute 120 Degree Countersink	6.3	1.5	52	43	120°
M0433083AM	£32.73	8.3mm 3 Flute 120 Degree Countersink	8.3	2.0	63	48	120°
M0433104AM	£34.31	10.4mm 3 Flute 120 Degree Countersink	10.4	2.5	63	48	120°
M0433124AM	£44.71	12.4mm 3 Flute 120 Degree Countersink	16.5	2.8	83	54	120°
M0433250AM	£73.76	25mm 3 Flute 120 Degree Countersink	31.0	3.8	10	62	120°



Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

## 120 Degree 3 Flute Countersinks with TiN Coating Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d1	d2	L	$\alpha$
M4833104AM	£39.28	10.4mm 3 Flute 120 Degree TIN-E Countersink	10.4	2.5	63	48	120°
M4833165AM	£56.24	16.5mm 3 Flute 120 Degree TIN-E Countersink	16.5	3.2	10	57	120°
M4833250AM	£82.58	25mm 3 Flute 120 Degree TIN-E Countersink	25.0	3.8	10	62	120°

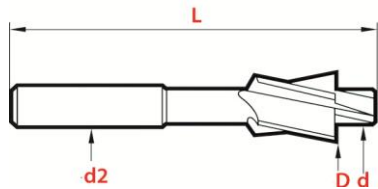


Tolerance			
D	d	L	$\alpha$
z9	h9	±1	-1°

# 180 Degree Piloted Counterbores DIN 373

Supplied by Magafor

Part Number	Price	Description	Dimensions				
			D	d	L	d2	$\alpha$
L0031010AM	£20.29	2.8mm 180 Degree Piloted Counterbore	2.8	1.5	45	D	180°
L0031012AM	£20.29	3.3mm 180 Degree Piloted Counterbore	3.3	1.7	56	D	180°
L0031014AM	£18.94	2.8mm 180 Degree Piloted Counterbore	2.8	1.5	45	D	180°
L0031016AM	£18.94	3.3mm 180 Degree Piloted Counterbore	3.3	1.7	56	D	180°
L0031017AM	£18.94	3.8mm 180 Degree Piloted Counterbore	3.8	1.8	56	D	180°
L0031020AM	£18.94	4.3mm 180 Degree Piloted Counterbore	4.3	2.2	56	D	180°
L0031025AM	£20.07	5mm 180 Degree Piloted Counterbore	5.0	2.7	56	D	180°
L0031026AM	£20.07	5.5mm 180 Degree Piloted Counterbore	5.5	2.8	71	D	180°
L0031030AM	£20.63	6mm 180 Degree Piloted Counterbore	6.0	3.2	71	D	180°
L0031035AM	£20.63	6.5mm 180 Degree Piloted Counterbore	6.5	3.7	71	D	180°
L0031040AM	£20.86	8mm 180 Degree Piloted Counterbore	8.0	4.3	71	D	180°
L0031050AM	£23.69	10mm 180 Degree Piloted Counterbore	10.0	5.3	80	D	180°
L0031060AM	£26.28	11mm 180 Degree Piloted Counterbore	11.0	6.4	80	D	180°
L0031080AM	£34.65	15mm 180 Degree Piloted Counterbore	15.0	8.4	100	D	180°
L0031100AM	£44.94	18mm 180 Degree Piloted Counterbore	18.0	10.5	100	D	180°
L0031120AM	£60.76	20mm 180 Degree Piloted Counterbore	20.0	13.0	100	D	180°



Tolerance			
D	d	L	$\alpha$
z9	e8	±1	-1°