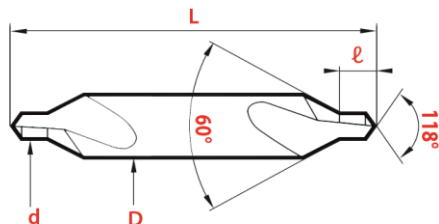


CENTRE DRILLS & SPOTTING DRILLS

Centre Drills BS / ASA Form A 60°

Supplied by Magafor



Code 114 BS HSS M2

Code 115 ASA HSS M2

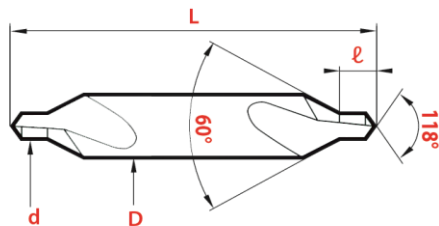
Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Part Number	Price	Description	BS	ASA	D	d	L	ℓ
C11503170025M	£5.48	3.17mm x 0.25mm 60° Centre Drill	-	00000	3.17	0.25	31	0.2 - 0.45
C11503170038M	£5.48	3.17mm x 0.38mm 60° Centre Drill	-	0000	3.17	0.38	31	0.35 - 0.65
C11503170051M	£5.48	3.17mm x 0.51mm 60° Centre Drill	-	000	3.17	0.51	31	0.5 - 0.8
C11503170063M	£4.80	3.17mm x 0.63mm 60° Centre Drill	-	00	3.17	0.63	31	0.7 - 1.0
C11503170079M	£4.35	3.17mm x 0.79mm 60° Centre Drill	-	0	3.17	0.79	31	0.9 - 1.2
C11503170119M	£3.00	3.17mm x 1.19mm 60° Centre Drill	-	1	3.17	1.19	31	1.4 - 1.7
C11504760198M	£3.45	4.76mm x 1.58mm 60° Centre Drill	-	2	4.76	1.58	47	2.4 - 2.7
C11506350277M	£3.90	6.35mm x 2.38mm 60° Centre Drill	-	3	6.35	2.38	50	3.3 - 3.9
C11507930317M	£4.91	7.93mm x 3.17mm 60° Centre Drill	-	4	7.93	3.17	54	3.8 - 4.4
C11511110476M	£7.74	11.11mm x 4.76mm 60° Centre Drill	-	5	11.11	4.76	70	5.9 - 6.5
C11512700555M	£9.22	12.70mm x 5.55mm 60° Centre Drill	-	6	12.70	5.55	76	6.9 - 7.5
C11515870635M	£16.67	15.87mm x 6.35mm 60° Centre Drill	-	7	15.87	6.35	82	8.0 - 8.6
C11519050793M	£25.15	19.05mm x 7.93mm 60° Centre Drill	-	8	19.05	7.93	89	10.1 - 10.8
C11522220873M	£44.83	22.22mm x 8.73mm 60° Centre Drill	-	9	22.22	8.73	92	11.0 - 11.6
C11525400952M	£49.69	25.40mm x 9.52mm 60° Centre Drill	-	10	25.40	9.52	95	12.1 - 12.7
C11403170119M	£3.00	3.17mm x 1.19mm 60° Centre Drill	1	-	3.17	1.19	38	1.5 - 1.8
C11404760158M	£3.45	4.76mm x 1.58mm 60° Centre Drill	2	-	4.76	1.58	44	2.0 - 2.4
C11406350238M	£3.90	6.35mm x 2.38mm 60° Centre Drill	3	-	6.35	2.38	50	3.3 - 3.9
C11407930317M	£4.91	7.93mm x 3.17mm 60° Centre Drill	4	-	7.93	3.17	56	4.1 - 4.7
C11411110476M	£7.74	11.11mm x 4.76mm 60° Centre Drill	5	-	11.11	4.76	63	6.5 - 7.1
C11415870635M	£16.67	15.87mm x 6.35mm 60° Centre Drill	6	-	15.87	6.35	75	8.5 - 9.1
C11419050793M	£25.15	19.05mm x 7.93mm 60° Centre Drill	7	-	19.05	7.93	89	10.8 - 11.6

CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Code 011 HSS M2

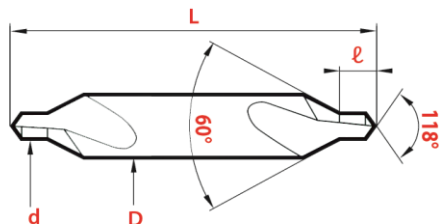
Part Number	Price	Description	D	d	L	ℓ
C01103150050M	£3.34	3.15mm x 0.5mm 60° Centre Drill*	3.15	0.50	25	0.6 - 0.9
C01103150063M	£3.34	3.15mm x 0.63mm 60° Centre Drill*	3.15	0.63	25	0.7 - 1.0
C01103150080M	£3.34	3.15mm x 0.8mm 60° Centre Drill*	3.15	0.80	25	1.0 - 1.3
C01103150100M	£3.34	3.15mm x 1mm 60° Centre Drill	3.15	1.00	31	1.3 - 1.7
C01103150125M	£3.57	3.15mm x 1.25mm 60° Centre Drill	3.15	1.25	31	1.6 - 2.0
C01104000160M	£3.34	4mm x 1.6mm 60° Centre Drill	4.00	1.60	35	2.0 - 2.6
C01105000200M	£3.45	5mm x 2mm 60° Centre Drill	5.00	2.00	40	2.5 - 3.1
C01106300250M	£3.90	6.3mm x 2.5mm 60° Centre Drill	6.30	2.50	45	3.1 - 3.8
C01108000315M	£4.80	8mm x 3.15mm 60° Centre Drill	8.00	3.15	50	3.9 - 4.6
C01110000400M	£6.04	10mm x 4mm 60° Centre Drill	10.00	4.00	55	5.0 - 5.9
C01112500500M	£8.65	12.5mm x 5mm 60° Centre Drill	12.50	5.00	63	6.3 - 7.2
C01114000500M	£16.78	14mm x 5mm 60° Centre Drill	14.00	5.00	69	6.3 - 7.2
C01116000500M	£19.50	16mm x 5mm 60° Centre Drill	16.00	5.00	69	6.3 - 7.2
C01116000630M	£16.57	16mm x 6.3mm 60° Centre Drill	16.00	6.30	71	8.0 - 8.9
C01120000800M	£48.78	20mm x 8mm 60° Centre Drill	20.00	8.00	80	10.1 - 11.1
C01125001000M	£60.76	25mm x 10mm 60° Centre Drill	25.00	10.00	100	12.8 - 13.8
C01131501000M	£123.50	31.5mm x 10mm 60° Centre Drill	31.50	10.00	125	12.8 - 13.8
C01131501250M	£123.50	31.5mm x 12.5mm 60° Centre Drill	31.50	12.50	125	16.5 - 17.5

*Single end

CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Code 010 HSS E M35 5% Cob

Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

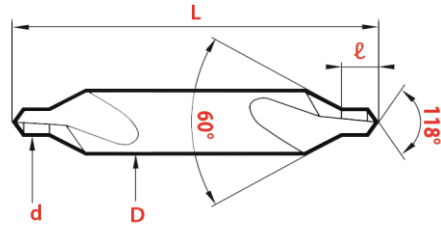
Part Number	Price	Description	D	d	L	ℓ
C01003150050M	£7.29	3.15mm x 0.5mm 60° Centre Drill 5% Cob*	3.15	0.50	25	0.6 - 0.9
C01003150080M	£7.29	3.15mm x 0.8mm 60° Centre Drill 5% Cob*	3.15	0.80	25	1.0 - 1.3
C01003150100M	£7.29	3.15mm x 1mm 60° Centre Drill 5% Cob	3.15	1.00	31	1.3 - 1.7
C01003150125M	£7.29	3.15mm x 1.25mm 60° Centre Drill 5% Cob	3.15	1.25	31	1.6 - 2.0
C01003500075M	£7.97	3.5mm x 0.75mm 60° Centre Drill 5% Cob	3.50	0.75	35	1.0 - 1.3
C01004000100M	£7.40	4mm x 1mm 60° Centre Drill 5% Cob	4.00	1.00	35	1.3 - 1.7
C01004000160M	£7.40	4mm x 1.6mm 60° Centre Drill 5% Cob	4.00	1.60	35	2.0 - 2.6
C01005000150M	£8.20	5mm x 1.5mm 60° Centre Drill 5% Cob	5.00	1.50	40	2.0 - 2.6
C01005000200M	£8.20	5mm x 2mm 60° Centre Drill 5% Cob	5.00	2.00	40	2.5 - 3.1
C01006000200M	£9.22	6mm x 2mm 60° Centre Drill 5% Cob	6.00	2.00	45	2.5 - 3.1
C01006300250M	£9.22	6.3mm x 2.5mm 60° Centre Drill 5% Cob	6.30	2.50	45	3.1 - 3.8
C01008000250M	£10.46	8mm x 2.5mm 60° Centre Drill 5% Cob	8.00	2.50	50	3.1 - 3.8
C01008000300M	£10.46	8mm x 3mm 60° Centre Drill 5% Cob	8.00	3.00	50	3.9 - 4.6
C01008000315M	£10.46	8mm x 3.15mm 60° Centre Drill 5% Cob	8.00	3.15	50	3.9 - 4.6
C01010000300M	£13.17	10mm x 3mm 60° Centre Drill 5% Cob	10.00	3.00	55	3.9 - 4.6
C01010000400M	£13.17	10mm x 4mm 60° Centre Drill 5% Cob	10.00	4.00	55	5.0 - 5.9
C01012000400M	£20.86	12mm x 4mm 60° Centre Drill 5% Cob	12.00	4.00	63	5.0 - 5.9
C01012000500M	£20.86	12mm x 5mm 60° Centre Drill 5% Cob	12.00	5.00	63	6.3 - 7.2
C01012500500M	£20.86	12.5mm x 5mm 60° Centre Drill 5% Cob	12.50	5.00	63	6.3 - 7.2
C01014000500M	£28.21	14mm x 5mm 60° Centre Drill 5% Cob	14.00	5.00	69	6.3 - 7.2

*Single end

CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Code 105 HSS E M42 8% Cob

Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Part Number	Price	Description	D	d	L	ℓ
C10503150100M	£11.87	3.15mm x 1mm 60° Centre Drill 8% Cob	3.15	1.00	31	1.3 - 1.7
C10503150125M	£11.87	3.15mm x 1.25mm 60° Centre Drill 8% Cob	3.15	1.25	31	1.6 - 2.0
C10504000160M	£11.98	4mm x 1.6mm 60° Centre Drill 8% Cob	4.00	1.60	35	2.0 - 2.6
C10505000200M	£12.44	5mm x 2mm 60° Centre Drill 8% Cob	5.00	2.00	40	2.5 - 3.1
C10506300250M	£14.59	6.3mm x 2.5mm 60° Centre Drill 8% Cob	6.30	2.50	45	3.1 - 3.8
C10508000315M	£16.50	8mm x 3.15mm 60° Centre Drill 8% Cob	8.00	3.15	50	3.9 - 4.6
C10510000400M	£21.37	10mm x 4mm 60° Centre Drill 8% Cob	10.00	4.00	55	5.0 - 5.9
C10512500500M	£34.71	12mm x 5mm 60° Centre Drill 8% Cob	12.00	5.00	63	6.3 - 7.2

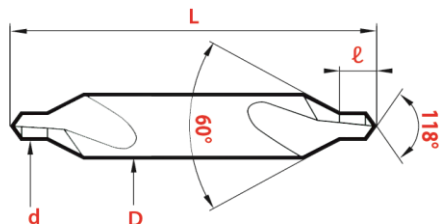
CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Code 811 HSS E M35 5% Cob
TiN Coated



Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Part Number	Price	Description	D	d	L	ℓ
C81103150050M	£12.21	3.15mm x 0.5mm 60° Centre Drill 5% Cob with TiN Coating*	3.15	0.50	25	0.6 - 0.9
C81103150080M	£12.21	3.15mm x 0.8mm 60° Centre Drill 5% Cob with TiN Coating*	3.15	0.80	25	1.0 - 1.3
C81103150100M	£12.21	3.15mm x 1mm 60° Centre Drill 5% Cob with TiN Coating	3.15	1.00	31	1.3 - 1.7
C81103150125M	£12.21	3.15mm x 1.25mm 60° Centre Drill 5% Cob with TiN Coating	3.15	1.25	31	1.6 - 2.0
C81104000100M	£12.33	4mm x 1mm 60° Centre Drill 5% Cob with TiN Coating	4.00	1.00	35	1.3 - 1.7
C81104000160M	£12.33	4mm x 1.6mm 60° Centre Drill 5% Cob with TiN Coating	4.00	1.60	35	2.0 - 2.6
C81105000150M	£13.11	5mm x 1.5mm 60° Centre Drill 5% Cob with TiN Coating	5.00	1.50	40	2.0 - 2.6
C81105000200M	£13.11	5mm x 2mm 60° Centre Drill 5% Cob with TiN Coating	5.00	2.00	40	2.5 - 3.1
C81106000200M	£14.70	6mm x 2mm 60° Centre Drill 5% Cob with TiN Coating	6.00	2.00	45	2.5 - 3.1
C81106300250M	£14.70	6.3mm x 2.5mm 60° Centre Drill 5% Cob with TiN Coating	6.30	2.50	45	3.1 - 3.8
C81108000250M	£16.50	8mm x 2.5mm 60° Centre Drill 5% Cob with TiN Coating	8.00	2.50	50	3.1 - 3.8
C81108000300M	£16.50	8mm x 3mm 60° Centre Drill 5% Cob with TiN Coating	8.00	3.00	50	3.9 - 4.6
C81108000315M	£16.50	8mm x 3.15mm 60° Centre Drill 5% Cob with TiN Coating	8.00	3.15	50	3.9 - 4.6
C81110000300M	£21.48	10mm x 3mm 60° Centre Drill 5% Cob with TiN Coating	10.00	3.00	55	3.9 - 4.6
C81110000400M	£21.48	10mm x 4mm 60° Centre Drill 5% Cob with TiN Coating	10.00	4.00	55	5.0 - 5.9
C81112000400M	£35.84	12mm x 4mm 60° Centre Drill 5% Cob with TiN Coating	12.00	4.00	63	5.0 - 5.9
C81112000500M	£35.84	12mm x 5mm 60° Centre Drill 5% Cob with TiN Coating	12.00	5.00	63	6.3 - 7.2
C81112500500M	£35.84	12.5mm x 5mm 60° Centre Drill 5% Cob with TiN Coating	12.50	5.00	63	6.3 - 7.2
C81116000630M	£53.93	16mm x 6.3mm 60° Centre Drill 5% Cob with TiN Coating	16.00	6.30	71	8.0 - 8.9
C811020000800M	£95.98	20mm x 8mm 60° Centre Drill 5% Cob with TiN Coating	20.00	8.00	80	10.1 - 11.1

*Single end

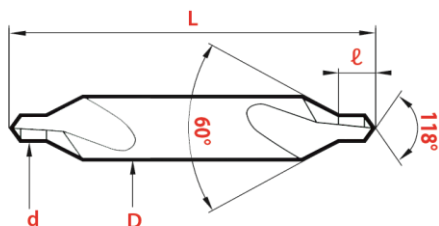
CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Code 910 HSS E M42 8% Cob
Red-X Coated



Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Part Number	Price	Description	D	d	L	ℓ
C91003150100M	£19.56	3.15mm x 1mm 60° Centre Drill 8% Cob with Red-X Coating	3.15	1.00	31	1.3 - 1.7
C91003150125M	£19.56	3.15mm x 1.25mm 60° Centre Drill 8% Cob with Red-X Coating	3.15	1.25	31	1.6 - 2.0
C91004000160M	£20.01	4mm x 1.6mm 60° Centre Drill 8% Cob with Red-X Coating	4.00	1.60	35	2.0 - 2.6
C91005000200M	£23.17	5mm x 2mm 60° Centre Drill 8% Cob with Red-X Coating	5.00	2.00	40	2.5 - 3.1
C91006300250M	£23.40	6.3mm x 2.5mm 60° Centre Drill 8% Cob with Red-X Coating	6.30	2.50	45	3.1 - 3.8
C91008000315M	£27.02	8mm x 3.15mm 60° Centre Drill 8% Cob with Red-X Coating	8.00	3.15	50	3.9 - 4.6
C91010000400M	£34.37	10mm x 4mm 60° Centre Drill 8% Cob with Red-X Coating	10.00	4.00	55	5.0 - 5.9
C91012500500M	£51.89	12.5mm x 5mm 60° Centre Drill 8% Cob with Red-X Coating	12.50	5.00	63	6.3 - 7.2

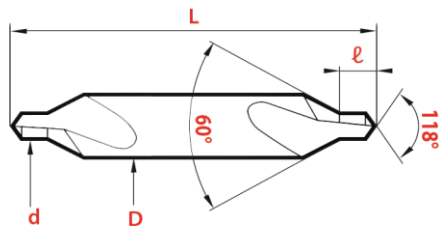
CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Code 8100 Carbide
K15 Micrograin



Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

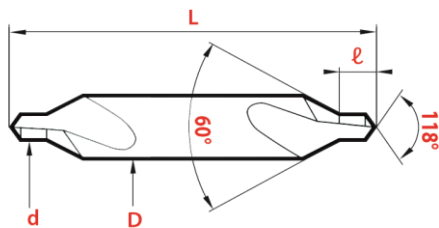
Part Number	Price	Description	D	d	L	ℓ
C810003150050M	£34.53	3.15mm x 0.5mm 60° Carbide Centre Drill*	3.15	0.50	25	0.6 - 0.9
C810003150080M	£34.53	3.15mm x 0.8mm 60° Carbide Centre Drill*	3.15	0.80	25	1.0 - 1.3
C810003150100M	£35.56	3.15mm x 1mm 60° Carbide Centre Drill	3.15	1.00	31	1.3 - 1.7
C810003150125M	£35.56	3.15mm x 1.25mm 60° Carbide Centre Drill	3.15	1.25	31	1.6 - 2.0
C810004000100M	£36.46	4mm x 1mm 60° Carbide Centre Drill	4.00	1.00	35	1.3 - 1.7
C810004000160M	£36.46	4mm x 1.6mm 60° Carbide Centre Drill	4.00	1.60	35	2.0 - 2.6
C810005000150M	£45.50	5mm x 1.5mm 60° Carbide Centre Drill	5.00	1.50	40	2.0 - 2.6
C810005000200M	£45.50	5mm x 2mm 60° Carbide Centre Drill	5.00	2.00	40	2.5 - 3.1
C810006000200M	£53.98	6mm x 2mm 60° Carbide Centre Drill	6.00	2.00	45	2.5 - 3.1
C810006300250M	£53.98	6.3mm x 2.5mm 60° Carbide Centre Drill	6.30	2.50	45	3.1 - 3.8
C810008000250M	£65.39	8mm x 2.5mm 60° Carbide Centre Drill	8.00	2.50	50	3.1 - 3.8
C810008000300M	£65.39	8mm x 3mm 60° Carbide Centre Drill	8.00	3.00	50	3.9 - 4.6
C810008000315M	£65.39	8mm x 3.15mm 60° Carbide Centre Drill	8.00	3.15	50	3.9 - 4.6
C810010000300M	£86.87	10mm x 3mm 60° Carbide Centre Drill	10.00	3.00	55	3.9 - 4.6
C810010000400M	£86.87	10mm x 4mm 60° Carbide Centre Drill	10.00	4.00	55	5.0 - 5.9
C810012000500M	£146.34	12mm x 5mm 60° Carbide Centre Drill	12.00	5.00	63	6.3 - 7.2
C810012500500M	£146.34	12.5mm x 5mm 60° Carbide Centre Drill	12.50	5.00	63	6.3 - 7.2
C810016000630M	£231.24	16mm x 6.3mm 60° Carbide Centre Drill	16.00	6.30	71	8.0 - 8.9

*Single end

CENTRE DRILLS & SPOTTING DRILLS

Centre Drills DIN 333-A Form A 60°

Supplied by Magafor



Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Code 8100-H Carbide

K15 Micrograin with Hard-X Coating

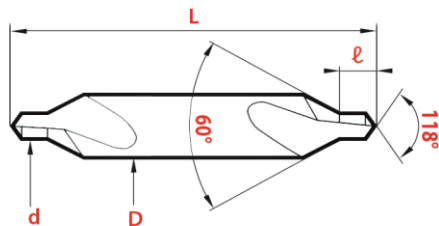
Part Number	Price	Description	D	d	L	ℓ
C810003150050MH	£39.06	3.15mm x 0.5mm 60° Carbide Centre Drill with Hard-X Coating*	3.15	0.50	25	0.6 - 0.9
C810003150080MH	£39.06	3.15mm x 0.8mm 60° Carbide Centre Drill with Hard-X Coating*	3.15	0.80	25	1.0 - 1.3
C810003150100MH	£40.98	3.15mm x 1mm 60° Carbide Centre Drill with Hard-X Coating	3.15	1.00	31	1.3 - 1.7
C810003150125MH	£40.98	3.15mm x 1.25mm 60° Carbide Centre Drill with Hard-X Coating	3.15	1.25	31	1.6 - 2.0
C810004000100MH	£42.00	4mm x 1mm 60° Carbide Centre Drill with Hard-X Coating	4.00	1.00	35	1.3 - 1.7
C810004000160MH	£42.00	4mm x 1.6mm 60° Carbide Centre Drill with Hard-X Coating	4.00	1.60	35	2.0 - 2.6
C810005000150MH	£51.49	5mm x 1.5mm 60° Carbide Centre Drill with Hard-X Coating	5.00	1.50	40	2.0 - 2.6
C810005000200MH	£51.49	5mm x 2mm 60° Carbide Centre Drill with Hard-X Coating	5.00	2.00	40	2.5 - 3.1
C810006000200MH	£61.44	6mm x 2mm 60° Carbide Centre Drill with Hard-X Coating	6.00	2.00	45	2.5 - 3.1
C810006300250MH	£61.44	6.3mm x 2.5mm 60° Carbide Centre Drill with Hard-X Coating	6.30	2.50	45	3.1 - 3.8
C810008000250MH	£74.44	8mm x 2.5mm 60° Carbide Centre Drill with Hard-X Coating	8.00	2.50	50	3.1 - 3.8
C810008000300MH	£74.44	8mm x 3mm 60° Carbide Centre Drill with Hard-X Coating	8.00	3.00	50	3.9 - 4.6
C810008000315MH	£82.19	8mm x 3.15mm 60° Carbide Centre Drill with Hard-X Coating	8.00	3.15	50	3.9 - 4.6
C810010000300MH	£98.41	10mm x 3mm 60° Carbide Centre Drill with Hard-X Coating	10.00	3.00	55	3.9 - 4.6
C810010000400MH	£98.41	10mm x 4mm 60° Carbide Centre Drill with Hard-X Coating	10.00	4.00	55	5.0 - 5.9
C810012000500MH	£160.35	12mm x 5mm 60° Carbide Centre Drill with Hard-X Coating	12.00	5.00	63	6.3 - 7.2
C810012500500MH	£160.35	12.5mm x 5mm 60° Carbide Centre Drill with Hard-X Coating	12.50	5.00	63	6.3 - 7.2
C810016000630MH	£231.24	16mm x 6.3mm 60° Carbide Centre Drill with Hard-X Coating	16.00	6.30	71	8.0 - 8.9

*Single end

CENTRE DRILLS & SPOTTING DRILLS

Long Series Centre Drills ASA Form A 60°

Supplied by Magafor



Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

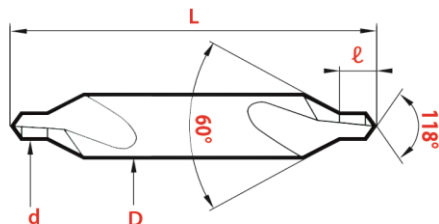
Code 185 HSS M2

Part Number	Price	Description	ASA	D	d	L
C18503171193M	£8.76	3.17mm x 1.19mm ASA 1 x 3 Long Series 60° Centre Drill	1 x 3			76
C18503171194M	£14.30	3.17mm x 1.19mm ASA 1 x 4 Long Series 60° Centre Drill	1 x 4	3.17	1.19	102
C18503171195M	£21.31	3.17mm x 1.19mm ASA 1 x 5 Long Series 60° Centre Drill	1 x 5			127
C18503171196M	£23.57	3.17mm x 1.19mm ASA 1 x 6 Long Series 60° Centre Drill	1 x 6			152
C18504761983M	£9.22	4.76mm x 1.98mm ASA 2 x 3 Long Series 60° Centre Drill	2 x 3			76
C18504761984M	£13.85	4.76mm x 1.98mm ASA 2 x 4 Long Series 60° Centre Drill	2 x 4	4.76	1.98	102
C18504761985M	£20.29	4.76mm x 1.98mm ASA 2 x 5 Long Series 60° Centre Drill	2 x 5			127
C18504761986M	£22.44	4.76mm x 1.98mm ASA 2 x 6 Long Series 60° Centre Drill	2 x 6			152
C18506352773M	£9.22	6.35mm x 2.77mm ASA 3 x 3 Long Series 60° Centre Drill	3 x 3			76
C18506352774M	£13.85	6.35mm x 2.77mm ASA 3 x 4 Long Series 60° Centre Drill	3 x 4	6.35	2.77	102
C18506352775M	£20.29	6.35mm x 2.77mm ASA 3 x 5 Long Series 60° Centre Drill	3 x 5			127
C18506352776M	£22.44	6.35mm x 2.77mm ASA 3 x 6 Long Series 60° Centre Drill	3 x 6			152
C18507933173M	£9.44	7.93mm x 3.17mm ASA 4 x 3 Long Series 60° Centre Drill	4 x 3			76
C18507933174M	£13.85	7.93mm x 3.17mm ASA 4 x 4 Long Series 60° Centre Drill	4 x 4	7.93	3.17	102
C18507933175M	£23.23	7.93mm x 3.17mm ASA 4 x 4 Long Series 60° Centre Drill	4 x 5			127
C18507933176M	£25.15	7.93mm x 3.17mm ASA 4 x 4 Long Series 60° Centre Drill	4 x 6			152
C18509523574M	£14.30	9.52mm x 3.57mm ASA 4.5 x 4 Long Series 60° Centre Drill	4.5 x 4			102
C18509523575M	£26.62	9.52mm x 3.57mm ASA 4.5 x 5 Long Series 60° Centre Drill	4.5 x 5	9.52	3.57	127
C18509523576M	£28.54	9.52mm x 3.57mm ASA 4.5 x 5 Long Series 60° Centre Drill	4.5 x 6			152
C18511114764M	£18.26	11.11mm x 4.76mm ASA 5 x 4 Long Series 60° Centre Drill	5 x 4			102
C18511114765M	£31.60	11.11mm x 4.76mm ASA 5 x 4 Long Series 60° Centre Drill	5 x 5	11.11	4.76	127
C18511114766M	£34.53	11.11mm x 4.76mm ASA 5 x 4 Long Series 60° Centre Drill	5 x 6			152
C18512705554M	£19.84	12.7mm x 5.55mm ASA 6 x 4 Long Series 60° Centre Drill	6 x 4			102
C18512705555M	£31.60	12.7mm x 5.55mm ASA 6 x 5 Long Series 60° Centre Drill	6 x 5	12.70	5.55	127
C18512705556M	£34.53	12.7mm x 5.55mm ASA 6 x 6 Long Series 60° Centre Drill	6 x 6			152
C18515876355M	£37.48	15.87mm x 6.35mm ASA 7 x 5 Long Series 60° Centre Drill	7 x 5	15.87	6.35	127
C18515876356M	£44.37	15.87mm x 6.35mm ASA 7 x 6 Long Series 60° Centre Drill	7 x 6			152
C18515876357M	£51.72	19.05mm x 7.93mm ASA 8 x 6 Long Series 60° Centre Drill	8 x 6	19.05	7.93	152

CENTRE DRILLS & SPOTTING DRILLS

Long Series Metric Centre Drills ASA Form A 60°

Supplied by Magafor



Code 018 HSS E M35

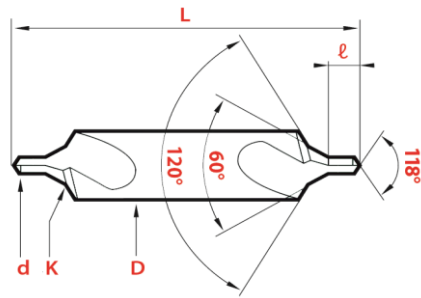
Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Part Number	Price	Description	D	d	L	ℓ
C0180350075060M	£9.89	3.5mm x 0.75mm x 60mm Long Series 60° Centre Drill	3.5	0.75	60	1.0 - 1.3
C0180400100060M	£9.78	4mm x 1mm x 60mm Long Series 60° Centre Drill	4.0	1.00	60	1.3 - 1.7
C0180500150060M	£9.55	5mm x 1.5mm x 60mm Long Series 60° Centre Drill	5.0	1.50	60	2.0 - 2.6
C0180600200080M	£10.12	6mm x 2mm x 80mm Long Series 60° Centre Drill	6.0	2.00	80	2.5 - 3.1
C0180800250080M	£12.72	8mm x 2.5mm x 80mm Long Series 60° Centre Drill	8.0	2.50	80	3.1 - 3.8
C0180800300080M	£12.72	8mm x 3mm x 80mm Long Series 60° Centre Drill	8.0	3.00	80	3.9 - 4.6
C0180400100100M	£16.90	4mm x 1mm x 100mm Long Series 60° Centre Drill	4.0	1.00	100	1.3 - 1.7
C0180500150100M	£16.45	5mm x 1.5mm x 100mm Long Series 60° Centre Drill	5.0	1.50	100	2.0 - 2.6
C0180600200100M	£16.45	6mm x 2mm x 100mm Long Series 60° Centre Drill	6.0	2.00	100	2.5 - 3.1
C0180800250100M	£16.45	8mm x 2.5mm x 100mm Long Series 60° Centre Drill	8.0	2.50	100	3.1 - 3.8
C0180800300100M	£16.45	8mm x 3mm x 100mm Long Series 60° Centre Drill	8.0	3.00	100	3.9 - 4.6
C0181000300100M	£16.45	10mm x 3mm x 100mm Long Series 60° Centre Drill	10.0	3.00	100	3.9 - 4.6
C0181000400100M	£16.45	10mm x 4mm x 100mm Long Series 60° Centre Drill	10.0	4.00	100	5.0 - 5.9
C0181200400100M	£21.87	12mm x 4mm x 100mm Long Series 60° Centre Drill	12.0	4.00	100	5.0 - 5.9
C0181200500100M	£21.87	12mm x 5mm x 100mm Long Series 60° Centre Drill	12.0	5.00	100	6.3 - 7.2
C0180350075120M	£30.91	3.5mm x 0.75mm x 120mm Long Series 60° Centre Drill	3.5	0.75	120	1.0 - 1.3
C0180400100120M	£22.33	4mm x 1mm x 120mm Long Series 60° Centre Drill	4.0	1.00	120	1.3 - 1.7
C0180500150120M	£21.87	5mm x 1.5mm x 120mm Long Series 60° Centre Drill	5.0	1.50	120	2.0 - 2.6
C0180500160120M	£21.87	5mm x 1.6mm x 120mm Long Series 60° Centre Drill	5.0	1.60	120	2.0 - 2.6
C0180600200120M	£21.87	6mm x 2mm x 120mm Long Series 60° Centre Drill	6.0	2.00	120	2.5 - 3.1
C0180800250120M	£25.38	8mm x 2.5mm x 120mm Long Series 60° Centre Drill	8.0	2.50	120	3.1 - 3.8
C0180800300120M	£25.38	8mm x 3mm x 120mm Long Series 60° Centre Drill	8.0	3.00	120	3.9 - 4.6
C0181000300120M	£29.11	10mm x 3mm x 120mm Long Series 60° Centre Drill	10.0	3.00	120	3.9 - 4.6
C0181000315120M	£29.11	10mm x 3.15mm x 120mm Long Series 60° Centre Drill	10.0	3.15	120	3.9 - 4.6
C0181000400120M	£29.11	10mm x 4mm x 120mm Long Series 60° Centre Drill	10.0	4.00	120	5.0 - 5.9
C0181200400120M	£35.10	12mm x 4mm x 120mm Long Series 60° Centre Drill	12.0	4.00	120	5.0 - 5.9
C0181400500120M	£43.13	14mm x 5mm x 120mm Long Series 60° Centre Drill	14.0	5.00	120	6.3 - 7.2
C0180400100150M	£26.28	4mm x 1mm x 150mm Long Series 60° Centre Drill	4.0	1.00	150	1.3 - 1.7
C0180500150150M	£26.28	5mm x 1.5mm x 150mm Long Series 60° Centre Drill	5.0	1.50	150	2.0 - 2.6
C0180600200150M	£26.28	6mm x 2mm x 150mm Long Series 60° Centre Drill	6.0	2.00	150	2.5 - 3.1
C0180800250150M	£30.01	8mm x 2.5mm x 150mm Long Series 60° Centre Drill	8.0	2.50	150	3.1 - 3.8
C0180800300150M	£30.01	8mm x 3mm x 150mm Long Series 60° Centre Drill	8.0	3.00	150	3.9 - 4.6
C0181000300150M	£34.20	10mm x 3mm x 150mm Long Series 60° Centre Drill	10.0	3.00	150	3.9 - 4.6
C0181000400150M	£34.20	10mm x 4mm x 150mm Long Series 60° Centre Drill	10.0	4.00	150	5.0 - 5.9
C0181200400150M	£41.65	12mm x 4mm x 150mm Long Series 60° Centre Drill	12.0	4.00	150	5.0 - 5.9
C0181600630150M	£61.33	16mm x 6.3mm x 150mm Long Series 60° Centre Drill	16.0	6.30	150	8.0 - 8.9
C0180500200200M	£54.32	5mm x 2mm x 200mm Long Series 60° Centre Drill	5.0	2.00	200	2.5 - 3.1
C0180630250200M	£53.42	6.3mm x 2.5mm x 200mm Long Series 60° Centre Drill	6.3	2.50	200	3.1 - 3.8
C0180800315200M	£50.59	8mm x 3.15mm x 200mm Long Series 60° Centre Drill	8.0	3.15	200	3.9 - 4.6
C0181000400200M	£55.22	10mm x 4mm x 200mm Long Series 60° Centre Drill	10.0	4.00	200	5.0 - 5.9

CENTRE DRILLS & SPOTTING DRILLS

Form B Bell Type Centre Drills Protection Angle 60° / 120°

Supplied by Magafor



Code 135 HSS M2

Tolerance						
D	d	L	K	α		
				60°	120°	118°
h8	k12	±1	k12	-30'	-4°	±2°

Part Number	Price	Description	ASA	D	d	L	K	ℓ
C13503170119M	£4.13	3.17mm x 1.19mm 60° Bell Type Centre Drill	11	3.17	1.19	31	2.5	1.4 - 1.7
C13504760158M	£4.35	4.76mm x 1.58mm 60° Bell Type Centre Drill	12	4.76	1.58	47	3.8	1.0 - 2.2
C13506350238M	£5.14	6.35mm x 2.38mm 60° Bell Type Centre Drill	13	6.35	2.38	50	5.1	2.8 - 3.4
C13507930277M	£6.50	7.93mm x 2.77mm 60° Bell Type Centre Drill	14	7.93	2.77	54	6.3	3.3 - 3.9
C13511110396M	£10.23	11.11mm x 3.96mm 60° Bell Type Centre Drill	15	11.11	3.96	70	8.9	4.8 - 5.4
C13512700476M	£12.15	12.7mm x 4.76mm 60° Bell Type Centre Drill	16	12.70	4.76	76	10.1	5.9 - 6.5
C13515870555M	£21.20	15.87mm x 5.55mm 60° Bell Type Centre Drill	17	15.87	5.55	82	12.7	6.9 - 7.5
C13519050635M	£31.03	19.05mm x 6.35mm 60° Bell Type Centre Drill	18	19.05	6.35	89	15.2	8.0 - 8.6
C13522220793M	£54.65	22.22mm x 7.93mm 60° Bell Type Centre Drill	19	22.22	7.93	92	17.8	10.0 - 10.6
C13525400952M	£64.49	25.4mm x 9.52mm 60° Bell Type Centre Drill	20	25.40	9.52	95	20.3	12.1 - 12.7

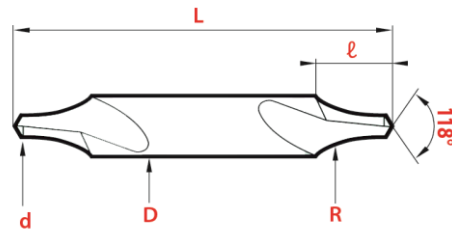
Code 134 HSS M2

Part Number	Price	Description	BS	D	d	L	K	ℓ
C13403170119M	£9.66	3.17mm x 1.19mm 60° Bell Type Centre Drill	1-B	3.17	1.19	38	1.9	1.6 - 2.0
C13404760158M	£9.66	4.76mm x 1.58mm 60° Bell Type Centre Drill	2-B	4.76	1.58	45	2.8	2.0 - 2.4
C13406350238M	£9.66	6.35mm x 2.38mm 60° Bell Type Centre Drill	3-B	6.35	2.38	50	3.8	3.3 - 3.9
C13407930277M	£10.91	7.93mm x 2.77mm 60° Bell Type Centre Drill	4-B	7.93	2.77	56	4.8	4.1 - 4.7
C13411110396M	£17.91	11.11mm x 3.96mm 60° Bell Type Centre Drill	5-B	11.11	3.96	64	6.6	5.7 - 6.3
C13415870555M	£29.00	15.87mm x 5.55mm 60° Bell Type Centre Drill	6-B	15.87	5.55	76	9.5	7.7 - 8.3
C13419050635M	£51.21	19.05mm x 6.35mm 60° Bell Type Centre Drill	7-B	19.05	6.35	88	11.4	9.2 - 10.0

CENTRE DRILLS & SPOTTING DRILLS

Radius Point Centre Drill DIN 333-A

Form R



Code 012 HSS M2

Tolerance				
D	d	L	R maxi	α 118°
h8	k12	±1	1.25R	±2°

Part Number	Price	Description	D	d	L	ℓ	R
C01203150050M	£5.14	3.15mm x 0.5mm Radius Point Centre Drill*	3.15	0.50	25	2.3 - 2.6	2
C01203150080M	£5.14	3.15mm x 0.8mm Radius Point Centre Drill*	3.15	0.80	25	2.6 - 2.9	2.5
C01203150100M	£5.14	3.15mm x 1mm Radius Point Centre Drill	3.15	1.00	31	3.0 - 3.3	2.9
C01203150125M	£5.14	3.15mm x 1.25mm Radius Point Centre Drill	3.15	1.25	31	3.3 - 3.6	3.15
C01204000160M	£5.37	4mm x 1.6mm Radius Point Centre Drill	4.00	1.60	35	4.2 - 4.7	4
C01205000200M	£5.37	5mm x 2mm Radius Point Centre Drill	5.00	2.00	40	5.0 - 5.4	5
C01206300250M	£6.39	6.3mm x 2.5mm Radius Point Centre Drill	6.30	2.50	45	6.3 - 6.8	6.3
C01208000315M	£6.39	8mm x 3.15mm Radius Point Centre Drill	8.00	3.15	50	8.0 - 8.5	8
C01210000400M	£9.10	10mm x 4mm Radius Point Centre Drill	10.00	4.00	55	10.0 - 10.6	10
C01212500500M	£9.10	12.5mm x 5mm Radius Point Centre Drill	12.50	5.00	63	12.5 - 13.1	12.5

Code 8112 Carbide K15 Micrograin

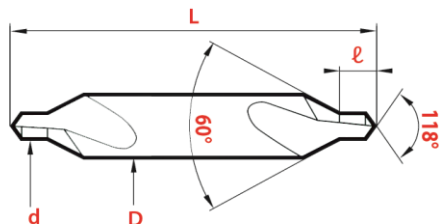
Part Number	Price	Description	D	d	L	ℓ	R
C811203150050M	£44.88	3.15mm x 0.5mm Radius Point Carbide Centre Drill*	3.15	0.50	25	0.6 - 0.8	2
C811203150100M	£47.59	3.15mm x 1mm Radius Point Carbide Centre Drill	3.15	1.00	25	1.0 - 1.2	2.5
C811203150125M	£47.59	3.15mm x 1.25mm Radius Point Carbide Centre Drill	3.15	1.25	31	1.3 - 1.6	2.9
C811204000160M	£50.42	4mm x 1.6mm Radius Point Carbide Centre Drill	4.00	1.60	35	2.0 - 2.4	3.15
C811205000200M	£61.38	5mm x 2mm Radius Point Carbide Centre Drill	5.00	2.00	40	2.5 - 2.9	4
C811206300250M	£72.24	6.3mm x 2.5mm Radius Point Carbide Centre Drill	6.30	2.50	45	3.1 - 3.6	5
C811208000315M	£88.74	8mm x 3.15mm Radius Point Carbide Centre Drill	8.00	3.15	50	3.9 - 4.4	6.3
C811210000400M	£116.10	10mm x 4mm Radius Point Carbide Centre Drill	10.00	4.00	55	5.0 - 5.6	8

*Single end

CENTRE DRILLS & SPOTTING DRILLS

Reinforced Point Centre Drills DIN 333-W Form W

Supplied by Magafor



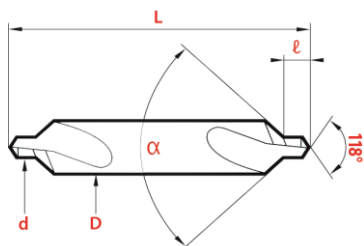
Code 014 HSS M2

Tolerance				
D	d	L	α	
			60°	118°
h8	k12	±1	-30'	±2°

Part Number	Price	Description	D	d	L	ℓ
C01403150050M	£5.48	3.15mm x 0.5mm Reinforced Point Centre Drill*	3.15	0.50	25	0.6 - 0.9
C01403150080M	£5.48	3.15mm x 0.8mm Reinforced Point Centre Drill*	3.15	0.80	25	1.0 - 1.3
C01403150100M	£5.48	3.15mm x 1mm Reinforced Point Centre Drill	3.15	1.00	31	1.3 - 1.7
C01403150125M	£5.48	3.15mm x 1.25mm Reinforced Point Centre Drill	3.15	1.25	31	1.6 - 2.0
C01404000160M	£5.83	4mm x 1.6mm Reinforced Point Centre Drill	4.00	1.60	35	2.0 - 2.6
C01405000200M	£6.39	5mm x 2mm Reinforced Point Centre Drill	5.00	2.00	40	2.5 - 3.1
C01406300250M	£6.96	6.3mm x 2.5mm Reinforced Point Centre Drill	6.30	2.50	45	3.1 - 3.8
C01408000315M	£7.52	8mm x 3.15mm Reinforced Point Centre Drill	8.00	3.15	50	3.9 - 4.6
C01410000400M	£9.66	10mm x 4mm Reinforced Point Centre Drill	10.00	4.00	55	5.0 - 5.9

CENTRE DRILLS & SPOTTING DRILLS

90° Centre Drill



Code 014 HSS M2

Tolerance				
D	d	L	α	
			90°	118°
h8	k12	±1	-30'	±2°

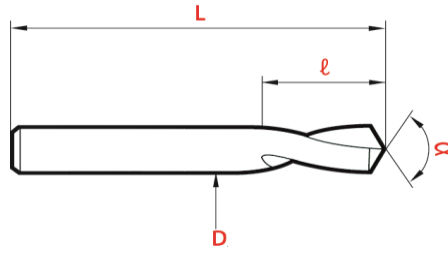
Part Number	Price	Description	D	d	L	α	ℓ
C01503000050M	£13.05	3mm x 0.5mm 90° Centre Drill*	3.0	0.50	25	90°	0.6 - 0.9
C01503500075M	£11.82	3.5mm x 0.75mm 90° Centre Drill	3.5	0.75	35	90°	1.0 - 1.3
C01504000100M	£10.91	4mm x 1mm 90° Centre Drill	4.0	1.00	35	90°	1.3 - 1.7
C01505000150M	£11.13	5mm x 1.5mm 90° Centre Drill	5.0	1.50	40	90°	2.0 - 2.6
C01506000200M	£13.51	6mm x 2mm 90° Centre Drill	6.0	2.00	45	90°	2.5 - 2.9
C01508000250M	£15.54	8mm x 2.5mm 90° Centre Drill	8.0	2.50	50	90°	3.1 - 3.8
C01508000300M	£15.54	8mm x 3mm 90° Centre Drill	8.0	3.00	50	90°	3.9 - 4.6
C01510000300M	£19.96	10mm x 3mm 90° Centre Drill	10.0	3.00	55	90°	3.9 - 4.6
C01510000400M	£19.96	10mm x 4mm 90° Centre Drill	10.0	4.00	55	90°	5.0 - 5.9
C01512000400M	£30.01	12mm x 4mm 90° Centre Drill	12.0	4.00	63	90°	5.0 - 5.9
C01512000500M	£30.01	12mm x 5mm 90° Centre Drill	12.0	5.00	63	90°	6.3 - 7.2
C01514000500M	£41.21	14mm x 5mm 90° Centre Drill	14.0	5.00	71	90°	6.3 - 7.2
C01518000600M	£60.43	18mm x 6mm 90° Centre Drill	18.0	6.00	80	90°	8.0 - 8.9
C01525000800M	£128.93	25mm x 8mm 90° Centre Drill	25.0	8.00	100	90°	10.1 - 11.1

*Single end

CENTRE DRILLS & SPOTTING DRILLS

Spotting Drills

Supplied by Magafor



Tolerance			
D	α	L	l
h6	$\pm 1^\circ$	± 1	+1

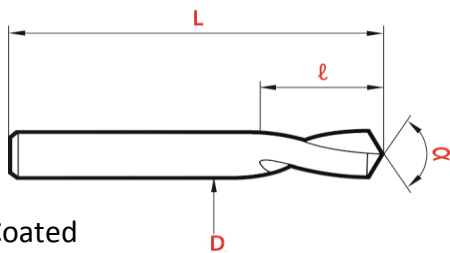
Code 195: 90° HSS E M35 5% Cob

Part Number	Price	Description	D	D"	L	l
F1950200AM	£11.59	2mm 90° Spotting Drill	2	-	49	8
F1950300AM	£9.44	3mm 90° Spotting Drill	3	-	50	10
F1950317AM	£9.66	1/8" 90° Spotting Drill	-	1/8	50	10
F1950400AM	£9.66	4mm 90° Spotting Drill	4	-	52	12
F1950476AM	£9.89	3/16" 90° Spotting Drill	-	3/16	60	15
F1950500AM	£9.89	5mm 90° Spotting Drill	5	-	60	15
F1950600AM	£10.35	6mm 90° Spotting Drill	6	-	66	20
F1950635AM	£10.35	1/4" 90° Spotting Drill	-	1/4	66	22
F1950800AM	£11.36	8mm 90° Spotting Drill	8	-	79	25
F1950952AM	£13.96	3/8" 90° Spotting Drill	-	3/8	89	25
F1951000AM	£13.96	10mm 90° Spotting Drill	10	-	89	25
F1951200AM	£17.47	12mm 90° Spotting Drill	12	-	102	30
F1951270AM	£17.47	1/2" 90° Spotting Drill	-	1/2	102	35
F1951400AM	£27.98	14mm 90° Spotting Drill	14	-	115	35
F1951587AM	£27.98	5/8" 90° Spotting Drill	-	5/8	115	35
F1951600AM	£27.98	16mm 90° Spotting Drill	16	-	115	35
F1951800AM	£45.73	18mm 90° Spotting Drill	18	-	130	40
F1951905AM	£45.73	3/4" 90° Spotting Drill	-	3/4	131	40
F1952000AM	£45.73	20mm 90° Spotting Drill	20	-	131	40
F1952500AM	£78.39	25mm 90° Spotting Drill	25	-	138	45
F1952540AM	£78.39	1" 90° Spotting Drill	-	1	138	45

CENTRE DRILLS & SPOTTING DRILLS

Spotting Drills

Supplied by Magafor



Code 895: 90° HSS E M35 5% Cob TiN Coated

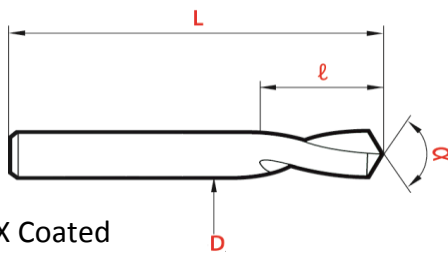
Tolerance			
D	α	L	l
h6	$\pm 1^\circ$	± 1	+1

Part Number	Price	Description	D	D"	L	l
F8950200AM	£16.57	2mm 90° Spotting Drill with TiN Coating	2	-	49	8
F8950300AM	£14.08	3mm 90° Spotting Drill with TiN Coating	3	-	50	10
F8950317AM	£14.30	1/8" 90° Spotting Drill with TiN Coating	-	1/8	50	10
F8950400AM	£14.87	4mm 90° Spotting Drill with TiN Coating	4	-	52	12
F8950476AM	£15.65	3/16" 90° Spotting Drill with TiN Coating	-	3/16	60	15
F8950500AM	£15.77	5mm 90° Spotting Drill with TiN Coating	5	-	60	15
F8950600AM	£17.35	6mm 90° Spotting Drill with TiN Coating	6	-	66	20
F8950635AM	£19.16	1/4" 90° Spotting Drill with TiN Coating	-	1/4	66	22
F8950800AM	£20.63	8mm 90° Spotting Drill with TiN Coating	8	-	79	25
F8950952AM	£23.46	3/8" 90° Spotting Drill with TiN Coating	-	3/8	89	25
F8951000AM	£23.79	10mm 90° Spotting Drill with TiN Coating	10	-	89	25
F8951200AM	£32.73	12mm 90° Spotting Drill with TiN Coating	12	-	102	30
F8951270AM	£34.20	1/2" 90° Spotting Drill with TiN Coating	-	1/2	102	35
F8951400AM	£44.94	14mm 90° Spotting Drill with TiN Coating	14	-	115	35
F8951587AM	£46.86	5/8" 90° Spotting Drill with TiN Coating	-	5/8	115	35
F8951600AM	£47.20	16mm 90° Spotting Drill with TiN Coating	16	-	115	35
F8951800AM	£79.75	18mm 90° Spotting Drill with TiN Coating	18	-	130	40
F8951905AM	£82.70	3/4" 90° Spotting Drill with TiN Coating	-	3/4	131	40
F8952000AM	£82.70	20mm 90° Spotting Drill with TiN Coating	20	-	131	40
F8952500AM	£113.10	25mm 90° Spotting Drill with TiN Coating	25	-	138	45
F8952540AM	£120.91	1" 90° Spotting Drill with TiN Coating	-	1	138	45

CENTRE DRILLS & SPOTTING DRILLS

Spotting Drills

Supplied by Magafor



Code 995: 90° HSS E M35 5% Cob Red-X Coated

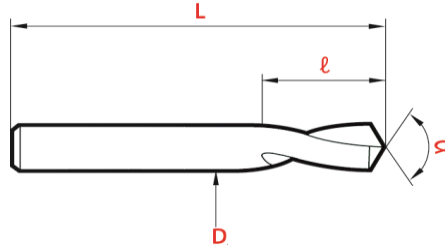
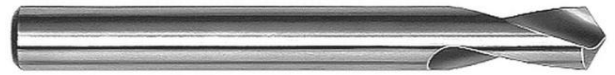
Tolerance			
D	α	L	l
h6	$\pm 1^\circ$	± 1	+1

Part Number	Price	Description	D	D"	L	l
F9950200AM	£17.47	2mm 90° Spotting Drill with Red-X Coating	2	-	49	8
F9950300AM	£14.98	3mm 90° Spotting Drill with Red-X Coating	3	-	50	10
F9950317AM	£15.21	1/8" 90° Spotting Drill with Red-X Coating	-	1/8	50	10
F9950400AM	£15.77	4mm 90° Spotting Drill with Red-X Coating	4	-	52	12
F9950476AM	£16.57	3/16" 90° Spotting Drill with Red-X Coating	-	3/16	60	15
F9950500AM	£16.78	5mm 90° Spotting Drill with Red-X Coating	5	-	60	15
F9950600AM	£18.48	6mm 90° Spotting Drill with Red-X Coating	6	-	66	20
F9950635AM	£20.17	1/4" 90° Spotting Drill with Red-X Coating	-	1/4	66	22
F9950800AM	£21.87	8mm 90° Spotting Drill with Red-X Coating	8	-	79	25
F9950952AM	£25.04	3/8" 90° Spotting Drill with Red-X Coating	-	3/8	89	25
F9951000AM	£25.38	10mm 90° Spotting Drill with Red-X Coating	10	-	89	25
F9951200AM	£34.65	12mm 90° Spotting Drill with Red-X Coating	12	-	102	30
F9951270AM	£35.66	1/2" 90° Spotting Drill with Red-X Coating	-	1/2	102	35
F9951400AM	£47.43	14mm 90° Spotting Drill with Red-X Coating	14	-	115	35
F9951587AM	£49.35	5/8" 90° Spotting Drill with Red-X Coating	-	5/8	115	35
F9951600AM	£50.36	16mm 90° Spotting Drill with Red-X Coating	16	-	115	35
F9951800AM	£84.61	18mm 90° Spotting Drill with Red-X Coating	18	-	130	40
F9951905AM	£88.57	3/4" 90° Spotting Drill with Red-X Coating	-	3/4	131	40
F9952000AM	£88.57	20mm 90° Spotting Drill with Red-X Coating	20	-	131	40
F9952500AM	£120.91	25mm 90° Spotting Drill with Red-X Coating	25	-	138	45
F9952540AM	£128.70	1" 90° Spotting Drill with Red-X Coating	-	1	138	45

CENTRE DRILLS & SPOTTING DRILLS

Spotting Drills

Supplied by Magafor



Tolerance			
D	α	L	l
h6	$\pm 1^\circ$	± 1	+1

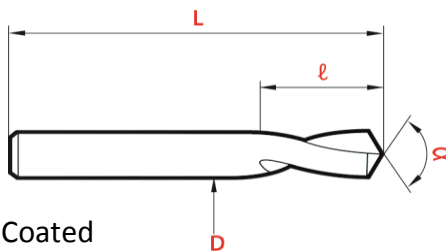
Code 196: 120° HSS E M35 5% Cob

Part Number	Price	Description	D	D"	L	l
F1960200AM	£11.59	2mm 120° Spotting Drill	2	-	49	8
F1960300AM	£9.44	3mm 120° Spotting Drill	3	-	50	10
F1960317AM	£9.66	1/8" 120° Spotting Drill	-	1/8	50	10
F1960400AM	£9.66	4mm 120° Spotting Drill	4	-	52	12
F1960476AM	£9.89	3/16" 120° Spotting Drill	-	3/16	60	15
F1960500AM	£9.89	5mm 120° Spotting Drill	5	-	60	15
F1960600AM	£10.35	6mm 120° Spotting Drill	6	-	66	20
F1960635AM	£10.35	1/4" 120° Spotting Drill	-	1/4	66	22
F1960800AM	£11.36	8mm 120° Spotting Drill	8	-	79	25
F1960952AM	£13.96	3/8" 120° Spotting Drill	-	3/8	89	25
F1961000AM	£13.96	10mm 120° Spotting Drill	10	-	89	25
F1961200AM	£17.47	12mm 120° Spotting Drill	12	-	102	30
F1961270AM	£17.47	1/2" 120° Spotting Drill	-	1/2	102	35
F1961400AM	£18.03	14mm 120° Spotting Drill	14	-	115	35
F1961587AM	£27.98	5/8" 120° Spotting Drill	-	5/8	115	35
F1961600AM	£27.98	16mm 120° Spotting Drill	16	-	115	35
F1961800AM	£45.73	18mm 120° Spotting Drill	18	-	130	40
F1961905AM	£45.73	3/4" 120° Spotting Drill	-	3/4	131	40
F1962000AM	£45.73	20mm 120° Spotting Drill	20	-	131	40
F1962500AM	£80.55	25mm 120° Spotting Drill	25	-	138	45
F1962540AM	£80.55	1" 120° Spotting Drill	-	1	138	45

CENTRE DRILLS & SPOTTING DRILLS

Spotting Drills

Supplied by Magafor



Tolerance			
D	α	L	l
h6	$\pm 1^\circ$	± 1	+1

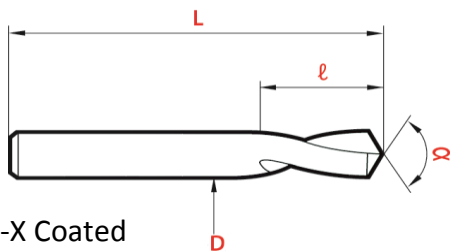
Code 896: 120° HSS E M35 5% Cob TiN Coated

Part Number	Price	Description	D	D"	L	l
F8960200AM	£16.57	2mm 120° Spotting with TiN Coating	2	-	49	8
F8960300AM	£14.08	3mm 120° Spotting with TiN Coating	3	-	50	10
F8960317AM	£14.30	1/8" 120° Spotting with TiN Coating	-	1/8	50	10
F8960400AM	£14.87	4mm 120° Spotting with TiN Coating	4	-	52	12
F8960476AM	£15.65	3/16" 120° Spotting with TiN Coating	-	3/16	60	15
F8960500AM	£15.77	5mm 120° Spotting with TiN Coating	5	-	60	15
F8960600AM	£17.35	6mm 120° Spotting with TiN Coating	6	-	66	20
F8960635AM	£19.16	1/4" 120° Spotting with TiN Coating	-	1/4	66	22
F8960800AM	£20.63	8mm 120° Spotting with TiN Coating	8	-	79	25
F8960952AM	£23.46	3/8" 120° Spotting with TiN Coating	-	3/8	89	25
F8961000AM	£23.79	10mm 120° Spotting with TiN Coating	10	-	89	25
F8961200AM	£32.73	12mm 120° Spotting with TiN Coating	12	-	102	30
F8961270AM	£34.20	1/2" 120° Spotting with TiN Coating	-	1/2	102	35
F8961400AM	£44.94	14mm 120° Spotting with TiN Coating	14	-	115	35
F8961587AM	£46.86	5/8" 120° Spotting with TiN Coating	-	5/8	115	35
F8961600AM	£47.20	16mm 120° Spotting with TiN Coating	16	-	115	35
F8961800AM	£79.75	18mm 120° Spotting with TiN Coating	18	-	130	40
F8961905AM	£82.70	3/4" 120° Spotting with TiN Coating	-	3/4	131	40
F8962000AM	£82.70	20mm 120° Spotting with TiN Coating	20	-	131	40
F8962500AM	£113.10	25mm 120° Spotting with TiN Coating	25	-	138	45
F8962540AM	£120.91	1" 120° Spotting with TiN Coating	-	1	138	45

CENTRE DRILLS & SPOTTING DRILLS

Spotting Drills

Supplied by Magafor



Code 996: 120° HSS E M35 5% Cob Red-X Coated

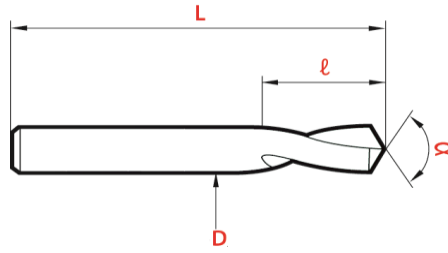
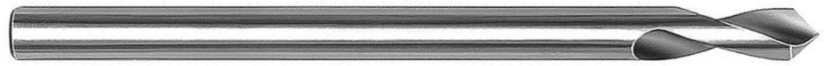
Tolerance			
D	α	L	ℓ
h6	±1°	±1	+1

Part Number	Price	Description	D	D"	L	ℓ
F9960200AM	£17.47	2mm 120° Spotting with Red-X Coating	2	-	49	8
F9960300AM	£14.98	3mm 120° Spotting with Red-X Coating	3	-	50	10
F9960317AM	£15.21	1/8" 120° Spotting with Red-X Coating	-	1/8	50	10
F9960400AM	£15.77	4mm 120° Spotting with Red-X Coating	4	-	52	12
F9960476AM	£16.57	3/16" 120° Spotting with Red-X Coating	-	3/16	60	15
F9960500AM	£16.78	5mm 120° Spotting with Red-X Coating	5	-	60	15
F9960600AM	£18.48	6mm 120° Spotting with Red-X Coating	6	-	66	20
F9960635AM	£20.17	1/4" 120° Spotting with Red-X Coating	-	1/4	66	22
F9960800AM	£21.87	8mm 120° Spotting with Red-X Coating	8	-	79	25
F9960952AM	£25.04	3/8" 120° Spotting with Red-X Coating	-	3/8	89	25
F9961000AM	£25.38	10mm 120° Spotting with Red-X Coating	10	-	89	25
F9961200AM	£34.65	12mm 120° Spotting with Red-X Coating	12	-	102	30
F9961270AM	£35.66	1/2" 120° Spotting with Red-X Coating	-	1/2	102	35
F9961400AM	£47.43	14mm 120° Spotting with Red-X Coating	14	-	115	35
F9961587AM	£49.35	5/8" 120° Spotting with Red-X Coating	-	5/8	115	35
F9961600AM	£50.36	16mm 120° Spotting with Red-X Coating	16	-	115	35
F9961800AM	£84.61	18mm 120° Spotting with Red-X Coating	18	-	130	40
F9961905AM	£88.57	3/4" 120° Spotting with Red-X Coating	-	3/4	131	40
F9962000AM	£88.57	20mm 120° Spotting with Red-X Coating	20	-	131	40
F9962500AM	£120.91	25mm 120° Spotting with Red-X Coating	25	-	138	45
F9962540AM	£128.70	1" 120° Spotting with Red-X Coating	-	1	138	45

CENTRE DRILLS & SPOTTING DRILLS

Long Series Spotting Drills

Supplied by Magafor



Tolerance			
D	α	L	ℓ
h6	$\pm 1^\circ$	± 1	+1

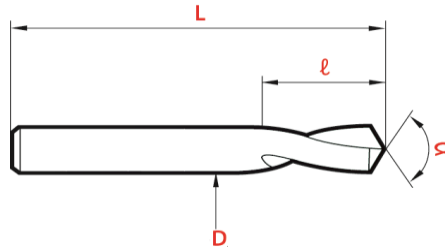
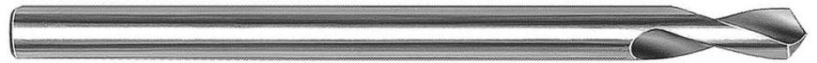
Code 197: 90° HSS E M35 5% Cob

Part Number	Price	Description	D	D"	L	ℓ
F1970300AM	£34.65	3mm Long Series 90° Spotting Drill	3	-	80	10
F1970400AM	£32.16	4mm Long Series 90° Spotting Drill	4	-	100	12
F1970500AM	£34.65	5mm Long Series 90° Spotting Drill	5	-	120	15
F1970600AM	£37.13	6mm Long Series 90° Spotting Drill	6	-	140	20
F1970635AM	£39.51	1/4" Long Series 90° Spotting Drill	-	1/4	140	22
F1970800AM	£42.00	8mm Long Series 90° Spotting Drill	8	-	140	25
F1970952AM	£56.70	3/8" Long Series 90° Spotting Drill	-	3/8	170	25
F1971000AM	£59.18	10mm Long Series 90° Spotting Drill	10	-	170	25
F1971200AM	£72.86	12mm Long Series 90° Spotting Drill	12	-	170	30
F1971270AM	£75.80	1/2" Long Series 90° Spotting Drill	-	1/2	170	35
F1971587AM	£91.51	5/8" Long Series 90° Spotting Drill	-	5/8	200	35
F1971600AM	£93.44	16mm Long Series 90° Spotting Drill	16	-	200	35
F1971905AM	£112.09	3/4" Long Series 90° Spotting Drill	-	3/4	200	40
F1972000AM	£114.00	20mm Long Series 90° Spotting Drill	20	-	200	40
F1972540AM	£143.52	1" Long Series 90° Spotting Drill	-	1	200	45

CENTRE DRILLS & SPOTTING DRILLS

Long Series Spotting Drills

Supplied by Magafor



Tolerance			
D	α	L	ℓ
h6	±1°	±1	+1

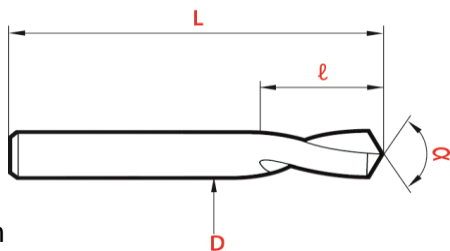
Code 199: 120° HSS E M35 5% Cob

Part Number	Price	Description	D	D"	L	ℓ
F1990300AM	£34.65	3mm Long Series 120° Spotting Drill	3	-	80	10
F1990400AM	£32.16	4mm Long Series 120° Spotting Drill	4	-	100	12
F1990500AM	£34.65	5mm Long Series 120° Spotting Drill	5	-	120	15
F1990600AM	£37.13	6mm Long Series 120° Spotting Drill	6	-	140	20
F1990635AM	£39.51	1/4" Long Series 120° Spotting Drill	-	1/4	140	22
F1990800AM	£42.00	8mm Long Series 120° Spotting Drill	8	-	140	25
F1990952AM	£56.70	3/8" Long Series 120° Spotting Drill	-	3/8	170	25
F1991000AM	£59.18	10mm Long Series 120° Spotting Drill	10	-	170	25
F1991200AM	£72.86	12mm Long Series 120° Spotting Drill	12	-	170	30
F1991270AM	£75.80	1/2" Long Series 120° Spotting Drill	-	1/2	170	35
F1991587AM	£91.51	5/8" Long Series 120° Spotting Drill	-	5/8	200	35
F1991600AM	£93.44	16mm Long Series 120° Spotting Drill	16	-	200	35
F1991905AM	£112.09	3/4" Long Series 120° Spotting Drill	-	3/4	200	40
F1992000AM	£114.00	20mm Long Series 120° Spotting Drill	20	-	200	40
F1992540AM	£143.52	1" Long Series 120° Spotting Drill	-	1	200	45

CENTRE DRILLS & SPOTTING DRILLS

Carbide Spotting Drills

Supplied by TUSA - Magafor



Tolerance			
D	α	L	ℓ
h6	±1°	±1	+1

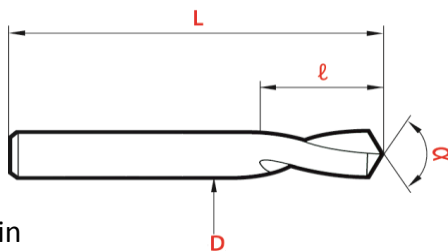
Code 8195: 90° Carbide K15 Micrograin

Part Number	Price	Description	D	L	ℓ	α
F81950200AM	£23.91	2mm 90° Carbide Spotting Drill	2.00	40	8	90°
F81950300AM	£10.46	3mm 90° Carbide Spotting Drill	3.00	45	10	90°
F81950400AM	£11.92	4mm 90° Carbide Spotting Drill	4.00	50	12	90°
F81950500AM	£14.52	5mm 90° Carbide Spotting Drill	5.00	50	15	90°
F81950600AM	£16.67	6mm 90° Carbide Spotting Drill	6.00	50	18	90°
F81950635AM	£37.02	6.35mm 90° Carbide Spotting Drill	6.35	50	18	90°
F81950800AM	£26.39	8mm 90° Carbide Spotting Drill	8.00	60	23	90°
F81951000AM	£37.59	10mm 90° Carbide Spotting Drill	10.00	70	24	90°
F81951200AM	£51.38	12mm 90° Carbide Spotting Drill	12.00	70	24	90°
F81951400AM	£82.70	14mm 90° Carbide Spotting Drill	14.00	75	24	90°
F81951600AM	£95.92	16mm 90° Carbide Spotting Drill	16.00	80	26	90°

CENTRE DRILLS & SPOTTING DRILLS

Carbide Spotting Drills

Supplied by TUSA - Magafor



Tolerance			
D	α	L	ℓ
h6	±1°	±1	+1

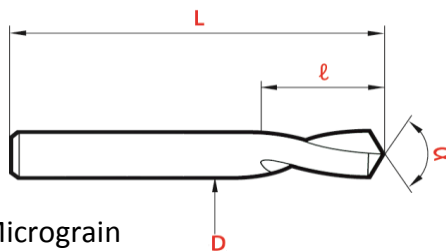
Code 8196: 120° Carbide K15 Micrograin

Part Number	Price	Description	D	L	ℓ	α
F81960200AM	£23.91	2mm 120° Carbide Spotting Drill	2.00	40	8	120°
F81960300AM	£11.13	3mm 120° Carbide Spotting Drill	3.00	45	10	120°
F81960400AM	£12.49	4mm 120° Carbide Spotting Drill	4.00	50	12	120°
F81960500AM	£14.98	5mm 120° Carbide Spotting Drill	5.00	50	15	120°
F81960600AM	£17.47	6mm 120° Carbide Spotting Drill	6.00	50	18	120°
F81960800AM	£26.96	8mm 120° Carbide Spotting Drill	8.00	60	23	120°
F81961000AM	£39.28	10mm 120° Carbide Spotting Drill	10.00	70	24	120°
F81961200AM	£52.18	12mm 120° Carbide Spotting Drill	12.00	70	24	120°
F81961400AM	£75.92	14mm 120° Carbide Spotting Drill	14.00	75	24	120°
F81961600AM	£95.47	16mm 120° Carbide Spotting Drill	16.00	80	26	120°

CENTRE DRILLS & SPOTTING DRILLS

Carbide Spotting Drills

Supplied by TUSA - Magafor



Tolerance			
D	α	L	ℓ
h6	±1°	±1	+1

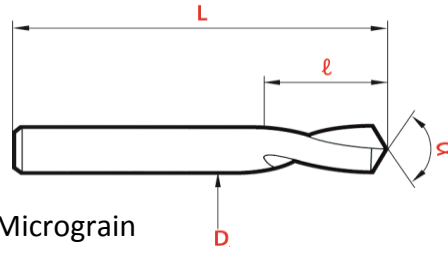
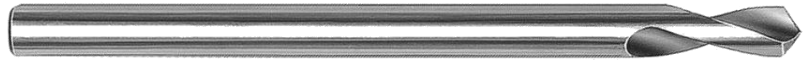
Code 8197: 90° Long Series Carbide K15 Micrograin

Part Number	Price	Description	D	D"	L	ℓ	α
F81970200AM	£63.13	2mm 90° Long Series Carbide Spotting Drill	2	-	60	8	90°
F81970300AM	£68.34	3mm 90° Long Series Carbide Spotting Drill	3	-	80	10	90°
F81970400AM	£78.85	4mm 90° Long Series Carbide Spotting Drill	4	-	100	12	90°
F81970500AM	£84.05	5mm 90° Long Series Carbide Spotting Drill	5	-	120	15	90°
F81970600AM	£94.57	6mm 90° Long Series Carbide Spotting Drill	6	-	140	20	90°
F81970635AM	£105.08	1/4" 90° Long Series Carbide Spotting Drill	-	1/4	140	22	90°
F81970800AM	£115.48	8mm 90° Long Series Carbide Spotting Drill	8	-	140	25	90°
F81970952AM	£194.05	3/8" 90° Long Series Carbide Spotting Drill	-	3/8	170	25	90°
F81971000AM	£199.25	10mm 90° Long Series Carbide Spotting Drill	10	-	170	25	90°
F81971200AM	£251.71	12mm 90° Long Series Carbide Spotting Drill	12	-	170	30	90°
F81971270AM	£262.10	1/2" 90° Long Series Carbide Spotting Drill	-	1/2	170	35	90°
F81971587AM	£377.30	5/8" 90° Long Series Carbide Spotting Drill	-	5/8	200	35	90°
F81971600AM	£377.30	16mm 90° Long Series Carbide Spotting Drill	16	-	200	35	90°
F81971905AM	£576.26	3/4" 90° Long Series Carbide Spotting Drill	-	3/4	200	40	90°
F81972000AM	£602.49	20mm 90° Long Series Carbide Spotting Drill	20	-	200	40	90°

CENTRE DRILLS & SPOTTING DRILLS

Carbide Spotting Drills

Supplied by TUSA - Magafor



Tolerance			
D	α	L	ℓ
h6	±1°	±1	+1

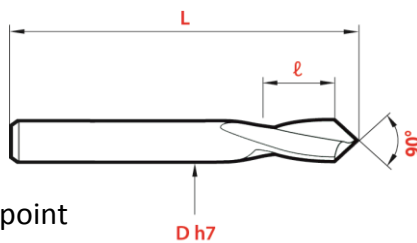
Code 8199: 120° Long Series Carbide K15 Micrograin

Part Number	Price	Description	D	D"	L	ℓ	α
F81990400AM	£78.85	4mm 120° Long Series Carbide Spotting Drill	4	-	100	12	120°
F81990500AM	£84.05	5mm 120° Long Series Carbide Spotting Drill	5	-	120	15	120°
F81990600AM	£94.57	6mm 120° Long Series Carbide Spotting Drill	6	-	140	20	120°
F81990635AM	£105.08	1/4" 120° Long Series Carbide Spotting Drill	-	1/4	140	22	120°
F81990800AM	£115.48	8mm 120° Long Series Carbide Spotting Drill	8	-	140	25	120°
F81990952AM	£199.25	3/8" 120° Long Series Carbide Spotting Drill	-	3/8	170	25	120°
F81991000AM	£199.25	10mm 120° Long Series Carbide Spotting Drill	10	-	170	25	120°
F81991200AM	£251.71	12mm 120° Long Series Carbide Spotting Drill	12	-	170	30	120°
F81991270AM	£262.10	1/2" 120° Long Series Carbide Spotting Drill	-	1/2	170	35	120°
F81991587AM	£377.30	5/8" 120° Long Series Carbide Spotting Drill	-	5/8	200	35	120°
F81991600AM	£377.30	16mm 120° Long Series Carbide Spotting Drill	16	-	200	35	120°
F81991905AM	£576.26	3/4" 120° Long Series Carbide Spotting Drill	-	3/4	200	40	120°
F81992000AM	£602.49	20mm 120° Long Series Carbide Spotting Drill	20	-	200	40	120°

CENTRE DRILLS & SPOTTING DRILLS

Combi-Mag Multi Function Tool

Supplied by Magafor



Tolerance			
D	α	L	ℓ
h7	$\pm 1^\circ$	± 1	+1

Code 007: Combi-Mag Multi function tool 90° point

HSS E M35 Red-X Coated

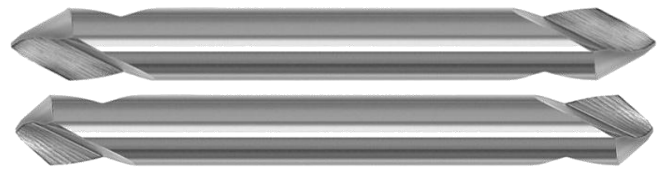
Part Number	Price	Description	D	D"	L	ℓ	T
F0070300	£15.54	3mm 90° Combi-Mag Multi-Function Tool	3	-	50	6	0.3
F0070317	£15.54	1/8" 90° Combi-Mag Multi-Function Tool	-	1/8	50	6	0.3
F0070400	£16.00	4mm 90° Combi-Mag Multi-Function Tool	4	-	52	8	0.4
F0070476	£16.57	3/16" 90° Combi-Mag Multi-Function Tool	-	3/16	60	9	0.5
F0070500	£16.57	5mm 90° Combi-Mag Multi-Function Tool	5	-	60	10	0.5
F0070600	£19.50	6mm 90° Combi-Mag Multi-Function Tool	6	-	66	12	0.6
F0070635	£20.40	1/4" 90° Combi-Mag Multi-Function Tool	-	1/4	66	12	0.6
F0070793	£22.66	5/16" 90° Combi-Mag Multi-Function Tool	-	5/16	79	14	0.8
F0070800	£22.66	8mm 90° Combi-Mag Multi-Function Tool	8	-	79	14	0.8
F0070952	£25.83	3/8" 90° Combi-Mag Multi-Function Tool	-	3/8	89	16	1.0
F0071000	£26.85	10mm 90° Combi-Mag Multi-Function Tool	10	-	89	16	1.0
F0071200	£34.65	12mm 90° Combi-Mag Multi-Function Tool	12	-	102	18	1.2
F0071270	£36.57	1/2" 90° Combi-Mag Multi-Function Tool	-	1/2	102	19	1.3
F0071400	£48.89	14mm 90° Combi-Mag Multi-Function Tool	14	-	115	21	1.4
F0071587	£50.82	5/8" 90° Combi-Mag Multi-Function Tool	-	5/8	115	24	1.6
F0071600	£50.82	16mm 90° Combi-Mag Multi-Function Tool	16	-	115	24	1.6

T = 0.1D (web thickness)

CENTRE DRILLS & SPOTTING DRILLS

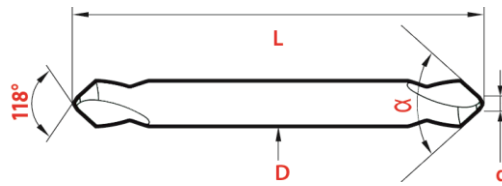
Duo Mag Double Ended Spotting Drills

Supplied by Magafor



Code 016 HSS E M35 5% Cob

Code 019 HSS E M35 5% Cob



Tolerance			
D	d	L	α
h7	± 0.2	± 1	$\pm 1^\circ$

Part Number	Price	Description	D	d	L	α
F0160030	£10.91	3mm x 0.5mm 60° Double Ended Spotting Drill	3	0.5	40	60°
F0160040	£11.13	4mm x 1mm 60° Double Ended Spotting Drill	4	1	45	60°
F0160060	£12.38	6mm x 2mm 60° Double Ended Spotting Drill	6	2	55	60°
F0160080	£15.32	8mm x 2.5mm 60° Double Ended Spotting Drill	8	2.5	65	60°
F0160100	£17.24	10mm x 3mm 60° Double Ended Spotting Drill	10	3	75	60°
F0160120	£23.57	12mm x 3.5mm 60° Double Ended Spotting Drill	12	3.5	85	60°
F0160160	£34.20	16mm x 4mm 60° Double Ended Spotting Drill	16	4	90	60°
F0160200	£65.51	20mm x 5mm 60° Double Ended Spotting Drill	20	5	100	60°
F0190030	£10.91	3mm x 0.5mm 90° Double Ended Spotting Drill	3	0.5	40	90°
F0190040	£11.13	4mm x 1mm 90° Double Ended Spotting Drill	4	1	45	90°
F0190060	£12.38	6mm x 2mm 90° Double Ended Spotting Drill	6	2	55	90°
F0190080	£15.32	8mm x 2.5mm 90° Double Ended Spotting Drill	8	2.5	65	90°
F0190100	£17.24	10mm x 3mm 90° Double Ended Spotting Drill	10	3	75	90°
F0190120	£23.57	12mm x 3.5mm 90° Double Ended Spotting Drill	12	3.5	85	90°
F0190160	£34.20	16mm x 4mm 90° Double Ended Spotting Drill	16	4	90	90°
F0190200	£65.51	20mm x 5mm 90° Double Ended Spotting Drill	20	5	100	90°

CENTRE DRILLS & SPOTTING DRILLS

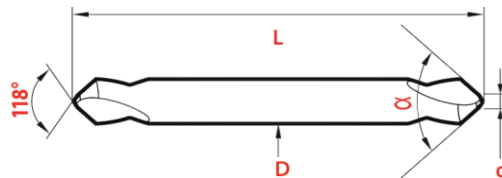
Duo Mag Double Ended Spotting Drills

Supplied by Magafor



Code 0916 Red-X Coating

Code 0919 Red-X Coating



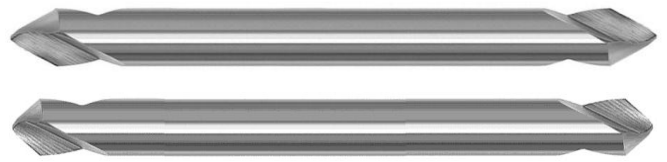
Tolerance			
D	d	L	α
h7	± 0.2	± 1	$\pm 1^\circ$

Part Number	Price	Description	D	d	L	α
F9160030	£15.32	3mm x 0.5mm 60° Double Ended Spotting Drill with Red-X Coating	3	0.5	40	60°
F9160040	£16.22	4mm x 1mm 60° Double Ended Spotting Drill with Red-X Coating	4	1	45	60°
F9160060	£19.16	6mm x 2mm 60° Double Ended Spotting Drill with Red-X Coating	6	2	55	60°
F9160080	£22.66	8mm x 2.5mm 60° Double Ended Spotting Drill with Red-X Coating	8	2.5	65	60°
F9160100	£26.28	10mm x 3mm 60° Double Ended Spotting Drill with Red-X Coating	10	3	75	60°
F9160120	£35.10	12mm x 3.5mm 60° Double Ended Spotting Drill with Red-X Coating	12	3.5	85	60°
F9160160	£51.26	16mm x 4mm 60° Double Ended Spotting Drill with Red-X Coating	16	4	90	60°
F9160200	£91.96	20mm x 5mm 60° Double Ended Spotting Drill with Red-X Coating	20	5	100	60°
F9190030	£15.32	3mm x 0.5mm 90° Double Ended Spotting Drill with Red-X Coating	3	0.5	40	90°
F9190040	£16.22	4mm x 1mm 90° Double Ended Spotting Drill with Red-X Coating	4	1	45	90°
F9190060	£19.16	6mm x 2mm 90° Double Ended Spotting Drill with Red-X Coating	6	2	55	90°
F9190080	£22.66	8mm x 2.5mm 90° Double Ended Spotting Drill with Red-X Coating	8	2.5	65	90°
F9190100	£26.28	10mm x 3mm 90° Double Ended Spotting Drill with Red-X Coating	10	3	75	90°
F9190120	£35.10	12mm x 3.5mm 90° Double Ended Spotting Drill with Red-X Coating	12	3.5	85	90°
F9190160	£51.26	16mm x 4mm 90° Double Ended Spotting Drill with Red-X Coating	16	4	90	90°
F9190200	£91.96	20mm x 5mm 90° Double Ended Spotting Drill with Red-X Coating	20	5	100	90°

CENTRE DRILLS & SPOTTING DRILLS

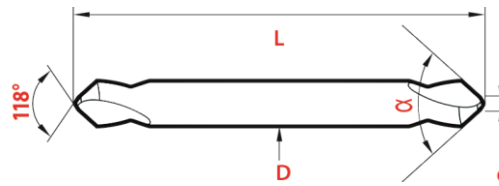
Duo Mag Double Ended Spotting Drills

Supplied by Magafor



Code 016L HSS E M35 5% Cob

Code 019L HSS E M35 5% Cob



Tolerance			
D	d	L	α
h7	± 0.2	± 1	$\pm 1^\circ$

Part Number	Price	Description	D	d	L	α
F016L030	£16.00	3mm x 0.5mm 60° Long Double Ended Spotting Drill	3	0.5	100	60°
F016L040	£16.78	4mm x 1mm 60° Long Double Ended Spotting Drill	4	1.0	100	60°
F016L060	£18.48	6mm x 2mm 60° Long Double Ended Spotting Drill	6	2.0	100	60°
F016L080	£22.66	8mm x 2.5mm 60° Long Double Ended Spotting Drill	8	2.5	100	60°
F016L100	£25.83	10mm x 3mm 60° Long Double Ended Spotting Drill	10	3.0	100	60°
F016L120	£35.10	12mm x 3.5mm 60° Long Double Ended Spotting Drill	12	3.5	100	60°
F019L030	£16.00	3mm x 0.5mm 90° Long Double Ended Spotting Drill	3	0.5	100	90°
F019L040	£16.78	4mm x 1mm 90° Long Double Ended Spotting Drill	4	1.0	100	90°
F019L060	£18.48	6mm x 2mm 90° Long Double Ended Spotting Drill	6	2.0	100	90°
F019L080	£22.66	8mm x 2.5mm 90° Long Double Ended Spotting Drill	8	2.5	100	90°
F019L100	£25.83	10mm x 3mm 90° Long Double Ended Spotting Drill	10	3.0	100	90°
F019L120	£35.10	12mm x 3.5mm 90° Long Double Ended Spotting Drill	12	3.5	100	90°

CENTRE DRILLS & SPOTTING DRILLS

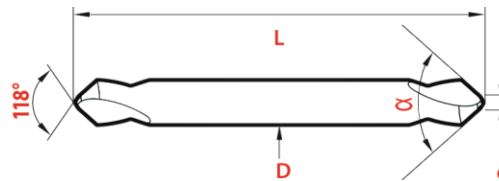
Duo Mag Double Ended Spotting Drills

Supplied by Magafor



Code 0916L Red-X Coating

Code 0919L Red-X Coating



Tolerance			
D	d	L	α
h7	± 0.2	± 1	$\pm 1^\circ$

Part Number	Price	Description	D	d	L	α
F916L030	£23.12	3mm x 0.5mm 60° Long Double Ended Spotting Drill with Red-X Coating	3	0.5	100	60°
F916L040	£24.36	4mm x 1mm 60° Long Double Ended Spotting Drill with Red-X Coating	4	1.0	100	60°
F916L060	£28.77	6mm x 2mm 60° Long Double Ended Spotting Drill with Red-X Coating	6	2.0	100	60°
F916L080	£33.63	8mm x 2.5mm 60° Long Double Ended Spotting Drill with Red-X Coating	8	2.5	100	60°
F916L100	£38.61	10mm x 3mm 60° Long Double Ended Spotting Drill with Red-X Coating	10	3.0	100	60°
F916L120	£52.74	12mm x 3.5mm 60° Long Double Ended Spotting Drill with Red-X Coating	12	3.5	100	60°
F919L030	£23.12	3mm x 0.5mm 90° Long Double Ended Spotting Drill with Red-X Coating	3	0.5	100	90°
F919L040	£24.36	4mm x 1mm 90° Long Double Ended Spotting Drill with Red-X Coating	4	1.0	100	90°
F919L060	£28.77	6mm x 2mm 90° Long Double Ended Spotting Drill with Red-X Coating	6	2.0	100	90°
F919L080	£33.63	8mm x 2.5mm 90° Long Double Ended Spotting Drill with Red-X Coating	8	2.5	100	90°
F919L100	£38.61	10mm x 3mm 90° Long Double Ended Spotting Drill with Red-X Coating	10	3.0	100	90°
F919L120	£52.74	12mm x 3.5mm 90° Long Double Ended Spotting Drill with Red-X Coating	12	3.5	100	90°

CENTRE DRILLS & SPOTTING DRILLS

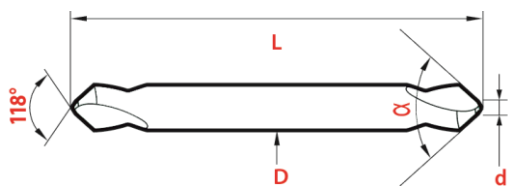
Duo Mag Double Ended Spotting Drills

Supplied by Magafor



Code 016XL HSS E M35 5% Cob

Code 019XL HSS E M35 5% Cob



Tolerance			
D	d	L	α
h7	± 0.2	± 1	$\pm 1^\circ$

Part Number	Price	Description	D	d	L	α
F016X080	£30.24	8mm x 2.5mm 60° Extra Long Double Ended Spotting Drill	8	2.5	150	60°
F016X100	£34.20	10mm x 3mm 60° Extra Long Double Ended Spotting Drill	10	3.0	150	60°
F016X120	£46.86	12mm x 3.5mm 60° Extra Long Double Ended Spotting Drill	12	3.5	150	60°
F016X160	£50.82	16mm x 4mm 60° Extra Long Double Ended Spotting Drill	16	4.0	150	60°
F016X200	£98.41	20mm x 5mm 60° Extra Long Double Ended Spotting Drill	20	5.0	150	60°
F019X080	£30.24	8mm x 2.5mm 90° Extra Long Double Ended Spotting Drill	8	2.5	150	90°
F019X100	£34.20	10mm x 3mm 90° Extra Long Double Ended Spotting Drill	10	3.0	150	90°
F019X120	£46.86	12mm x 3.5mm 90° Extra Long Double Ended Spotting Drill	12	3.5	150	90°
F019X160	£50.82	16mm x 4mm 90° Extra Long Double Ended Spotting Drill	16	4.0	150	90°
F019X200	£98.41	20mm x 5mm 90° Extra Long Double Ended Spotting Drill	20	5.0	150	90°

CENTRE DRILLS & SPOTTING DRILLS

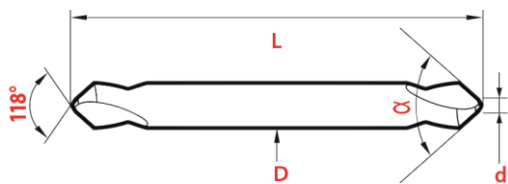
Duo Mag Double Ended Spotting Drills

Supplied by Magafor



Code 0916XL Red-X Coating

Code 0919XL Red-X Coating



Tolerance			
D	d	L	α
h7	± 0.2	± 1	$\pm 1^\circ$

Part Number	Price	Description	D	d	L	α
F916X080	£44.94	8mm x 2.5mm 60° Extra Long Double Ended Spotting Drill with Red-X Coating	8	2.5	150	60°
F916X100	£51.83	10mm x 3mm 60° Extra Long Double Ended Spotting Drill with Red-X Coating	10	3.0	150	60°
F916X120	£69.92	12mm x 3.5mm 60° Extra Long Double Ended Spotting Drill with Red-X Coating	12	3.5	150	60°
F916X160	£77.26	16mm x 4mm 60° Extra Long Double Ended Spotting Drill with Red-X Coating	16	4.0	150	60°
F916X200	£136.61	20mm x 5mm 60° Extra Long Double Ended Spotting Drill with Red-X Coating	20	5.0	150	60°
F919X080	£44.94	8mm x 2.5mm 90° Extra Long Double Ended Spotting Drill with Red-X Coating	8	2.5	150	90°
F919X100	£51.83	10mm x 3mm 90° Extra Long Double Ended Spotting Drill with Red-X Coating	10	3.0	150	90°
F919X120	£69.92	12mm x 3.5mm 90° Extra Long Double Ended Spotting Drill with Red-X Coating	12	3.5	150	90°
F919X160	£77.26	16mm x 4mm 90° Extra Long Double Ended Spotting Drill with Red-X Coating	16	4.0	150	90°
F919X200	£136.61	20mm x 5mm 90° Extra Long Double Ended Spotting Drill with Red-X Coating	20	5.0	150	90°