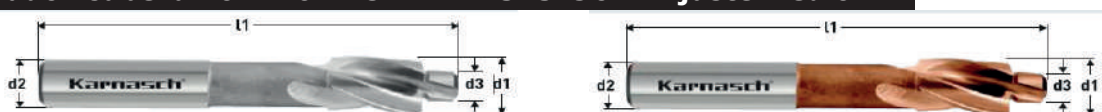


Avellanador Cabeza Tornillo Allen - DIN 373 90° - Ajuste Fino



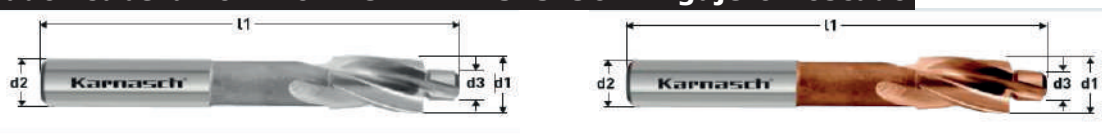
Referencia	Para M	d1	d3	l1	d2	Z	Referencia Recubierta
K201791020	M-2	4.3	2.2	56	4.3	3	K201891020
K201791025	M-2.5	5	2.7	56	5	3	K201891025
K201791030	M-3	6	3.2	71	5	3	K201891030
K201791040	M-4	8	4.3	71	5	3	K201891040
K201791050	M-5	10	5.3	80	8	3	K201891050
K201791060	M-6	11	6.4	80	8	3	K201891060
K201791080	M-8	15	8.4	100	12.5	3	K201891080
K201791100	M-10	18	10.5	100	12.5	3	K201891100
K201791120	M-12	20	13	100	12.5	3	K201891120

Avellanador Cabeza Tornillo Allen - DIN 373 90° - Ajuste Medio



Referencia	Para M	d1	d3	l1	d2	Z	Referencia Recubierta
K201792030	M-3	6	3.4	71	5	3	K201892030
K201792040	M-4	8	4.5	71	5	3	K201892040
K201792050	M-5	10	5.5	80	8	3	K201892050
K201792060	M-6	11	6.6	80	8	3	K201892060
K201792080	M-8	15	9	100	12.5	3	K201892080
K201792100	M-10	18	11	100	12.5	3	K201892100
K201792120	M-12	20	13.5	100	12.5	3	K201892120

Avellanador Cabeza Tornillo Allen - DIN 373 90° - Agujero Roscado



Referencia	Para M	d1	d3	l1	d2	Z	Referencia Recubierta
K201793030	M-3	6	2.5	71	5	3	K201893030
K201793040	M-4	8	3.3	71	5	3	K201893040
K201793050	M-5	10	4.2	80	8	3	K201893050
K201793060	M-6	11	5.0	80	8	3	K201893060
K201793080	M-8	15	6.8	100	12.5	3	K201893080
K201793100	M-10	18	8.5	100	12.5	3	K201893100
K201793120	M-12	20	10.2	100	12.5	3	K201893120

Set de Avellanadores Cabeza Tornillo Allen

Sin Recubrimiento



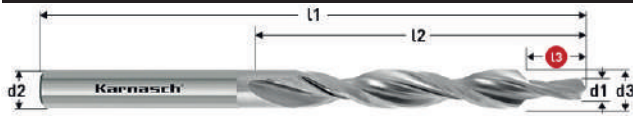
Referencia	MEDIDAS M	AJUSTE
K401794	M3 - M4 - M5 - M6 - M8 - M10	FINO
K401797	M3 - M4 - M5 - M6 - M8 - M10	MEDIO
K401798	M3 - M4 - M5 - M6 - M8 - M10	ROSCADO

Con Recubrimiento



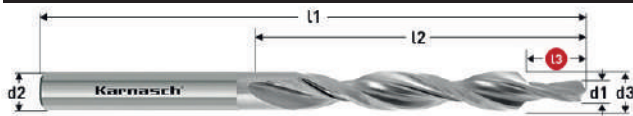
Referencia	MEDIDAS M	AJUSTE
K401791	M3 - M4 - M5 - M6 - M8 - M10	FINO
K401792	M3 - M4 - M5 - M6 - M8 - M10	MEDIO
K401793	M3 - M4 - M5 - M6 - M8 - M10	ROSCADO

Broca Bidiametral 90° - DIN 8374 - Ajuste Fino



Referencia	Para M	d1	d2	d3	L3	L2	L1	Referencia Recubierta
K401010030	M-3	3.2	6.0	6.0	9.0	57	93	K402010030
K401010040	M-4	4.3	8.0	8.0	11.0	75	117	K402010040
K401010050	M-5	5.3	10.0	10.0	13.0	87	133	K402010050
K401010060	M-6	6.4	11.5	11.5	15.0	94	142	K402010060
K401010080	M-8	8.4	15.0	15.0	19.0	114	169	K402010080
K401010100	M-10	10.5	19.0	19.0	23.0	135	198	K402010100

Broca Bidiametral 90° - DIN 8376 - Ajuste Medio



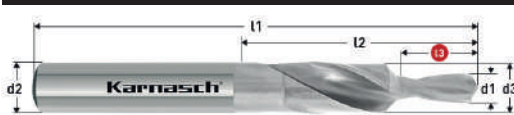
Referencia	Para M	d1	d2	d3	L3	L2	L1	Referencia Recubierta
K401020030	M-3	3.4	6.5	6.5	9.0	63	101	K402020030
K401020040	M-4	4.5	8.0	8.0	11.0	75	117	K402020040
K401020050	M-5	5.5	10.0	10.0	13.0	87	133	K402020050
K401020060	M-6	6.6	11.0	11.0	15.0	94	142	K402020060
K401020080	M-8	9.0	15.0	15.0	19.0	114	169	K402020080
K401020100	M-10	11.0	18.0	18.0	23.0	130	191	K402020100

Broca Bidiametral 90° - DIN 8378 - Agujero Roscado



Referencia	Para M	d1	d2	d3	L3	L2	L1	Referencia Recubierta
K401030030	M-3	2.5	3.4	3.4	8.8	39	70	K402030030
K401030040	M-4	3.3	4.5	4.5	11.4	47	80	K402030040
K401030050	M-5	4.2	5.5	5.5	13.6	57	93	K402030050
K401030060	M-6	5.0	6.6	6.6	16.5	63	101	K402030060
K401030080	M-8	6.8	9.0	9.0	21.0	81	125	K402030080
K401030100	M-10	8.5	11.0	11.0	25.5	94	142	K402030100
K401030120	M-12	10.2	13.5	13.5	30.0	108	160	K402030120

Broca Bidiametral 90° - DIN 1897 - Agujero pasante



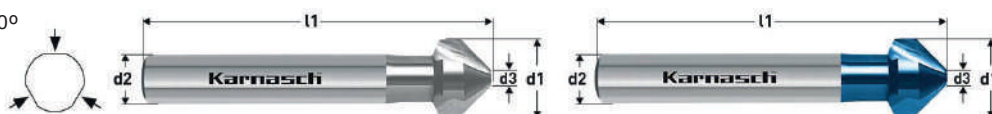
Referencia	Para M	d1	d2	d3	L3	L2	L1	Referencia Recubierta
K401040030	M-3	3.2	6.0	6.0	9	28	66	K402040030
K401040040	M-4	4.3	8.0	8.0	11	37	79	K402040040
K401040050	M-5	5.3	10.0	10.0	13	43	89	K402040050
K401040060	M-6	6.4	11.5	11.5	15	47	95	K402040060
K401040080	M-8	8.4	15.0	15.0	19	56	111	K402040080
K401040100	M-10	10.5	19.0	19.0	23	64	127	K402040100

Broca Bidiametral 180° - DIN 1897 - Agujero pasante

Referencia	Para M	d1	d2	d3	L3	L2	L1	Referencia Recubierta
K401050030	M-3	3.4	6.0	6.0	9	28	66	K402050030
K401050040	M-4	4.5	8.0	8.0	11	37	79	K402050040
K401050050	M-5	5.5	10.0	10.0	13	43	89	K402050050
K401050060	M-6	6.6	11.0	11.0	15	47	95	K402050060
K401050080	M-8	9.0	15.0	10.0	19	56	111	K402050080
K401050100	M-10	11.0	18.0	18.0	23	62	123	K402050100

Avellanador 90° - Z3

- Características: HSS-XE - DIN335 - Forma C - 90°
- (*) - Hasta fin existencias



Referencia	d1	d3	L1	d2	Z	AF	BF	Referencia BLUE
K201740.010	4.3	1.3	40	4	3	-	-	K201745.010
K201740.020(*)	5	1.5	40	4	3	M2.5	-	K201745.020(*)
K201740.030(*)	5.3	1.5	40	4	3	-	-	K201745.030
K201740.040	6	1.5	45	5	3	M3	-	K201745.040
K201740.050	6.3	1.5	45	5	3	-	M3	K201745.050
K201740.060(*)	7	1.8	50	6	3	M3.5	-	K201745.060(*)
K201740.070(*)	7.3	1.8	50	6	3	-	-	K201745.070(*)
K201740.080	8	2	50	6	3	M4	-	K201745.080
K201740.090	8.3	2	50	6	3	-	M4	K201745.090
K201740.100	9.4	2.2	50	6	3	-	-	K201745.100
K201740.110	10	2.5	50	6	3	M5	-	K201745.110
K201740.120	10.4	2.5	50	6	3	-	M5	K201745.120
K201740.130	11.5	2.8	56	8	3	M6	-	K201745.130
K201740.140	12.4	2.8	56	8	3	-	M6	K201745.140
K201740.150	13.4	2.9	56	8	3	-	-	K201745.150
K201740.160	15	3.2	60	10	3	M8	-	K201745.160
K201740.170	16.5	3.2	60	10	3	-	M8	K201745.170
K201740.180	19	3.5	63	10	3	M10	-	K201745.180
K201740.190	20.5	3.5	63	10	3	-	M10	K201745.190
K201740.200	23	3.8	67	10	3	M12	-	K201745.200
K201740.210	25	3.8	67	10	3	-	M12	K201745.210
K201740.220	26	3.9	71	12	3	M14	-	K201745.220
K201740.230	28	4	71	12	3	-	M14	K201745.230
K201740.240	30	4.1	71	12	3	M16	-	K201745.240
K201740.250	31	4.2	71	12	3	-	M16	K201745.250
K201740.260	40	10	80	15	3	-	-	K201745.260

Avellanador 90° - Z3 - ASP y Metal Duro

- Características: HSS-XE - DIN335 - Forma C - 90°



Referencia ASP	d1	d3	L1	d2	Z	AF	BF	Referencia MD
K201750.050	6.3	1.5	45	5	3	-	M3	K201755.050
K201750.090	8.3	2	50	6	3	-	M4	K201755.090
K201750.120	10.4	2.5	50	6	3	-	M5	K201755.120
K201750.140	12.4	2.8	56	8	3	-	M6	K201755.140
K201750.170	16.5	3.2	60	10	3	-	M8	K201755.170
K201750.190	20.5	3.5	63	10	3	-	M10	K201755.190
K201750.210	25	3.8	67	10	3	-	M12	K201755.210
K201750.250	31	4.2	71	12	3	-	M16	K201755.250

KITS DE AVELLANADORES



Ø Incluidos	Ø Incluidos	Ø Incluidos	Ø Incluidos
6.3-8.3-10.4-12.4-16.5-20.5	6.3-10.4-16.5-20.5-25	6.3-8.3-10.4-12.4-16.5-20.5	6.3-10.4-16.5-20.5-25
Referencia	Referencia	Referencia	Referencia
K201641 - HSS-XE	K201642 - HSS XE	K201643 - HSS XE BLUE	K201644 - HSS XE BLUE
Kits Avellanadores Serie Larga			
Ø Incluidos	Ø Incluidos		
6.3-8.3-10.4-12.4-16.5-20.5	6.3-8.3-10.4-12.4-16.5-20.5		
Referencia	Referencia		
K404090010 HSS-XE	K403090010 - HSS XE BLUE		

(*) Disponibles tambien Kits en Modelos ASP y Metal Duro

Avellanador 90° - Z3 - Serie Larga / Serie Extralarga

• Características: HSS-XE - DIN 335 - Forma C - 90°



Referencia Larga	d1	d3	L1 (Modelo Larga)	L1 (Modelo Extra Larga)	d2	Z	BF	Referencia Extra Larga
K201720.010	6.3	1.5	85	154	5	3	M3	K201770.010
K201720.020	8.3	2	85	155	6	3	M4	K201770.020
K201720.030	10.4	2.5	88	157	6	3	M5	K201770.030
K201720.040	12.4	2.8	108	158	8	3	M6	K201770.040
K201720.050	15	3.2	110	158	10	3	M8	K201770.050
K201720.060	16.5	3.2	112	161	10	3	M8	K201770.060
K201720.070	20.5	3.5	115	164	10	3	M10	K201770.070
K201720.080	25	3.8	118	164	10	3	M12	K201770.080
K201720.080	25	3.8	118	164	10	3	M12	K201770.080

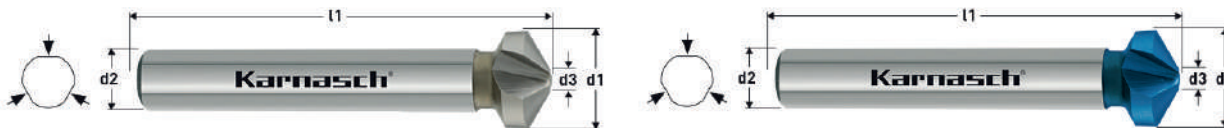
• Características: HSS-XE-Blue - DIN 335 - Forma C - 90°



Referencia Larga (Blue)	d1	d3	L1 (Modelo Larga)	L1 (Modelo Extra Larga)	d2	Z	BF	Referencia Extra Larga (Blue)
K201725.010	6.3	1.5	85	154	5	3	M3	K201775.010
K201725.020	8.3	2	85	155	6	3	M4	K201775.020
K201725.030	10.4	2.5	88	157	6	3	M5	K201775.030
K201725.040	12.4	2.8	108	158	8	3	M6	K201775.040
K201725.050	15	3.2	110	158	10	3	M8	K201775.050
K201725.060	16.5	3.2	112	161	10	3	M8	K201775.060
K201725.070	20.5	3.5	115	164	10	3	M10	K201725.070
K201725.080	25	3.8	118	164	10	3	M12	K201725.080
K201725.080	25	3.8	118	164	10	3	M12	K201775.080

Avellanador 100°

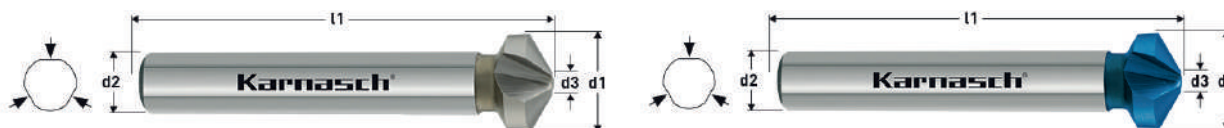
• Características: HSS-XE-Blue - DIN 335 - Forma C - 100°



Referencia	d1	d3	L1	Z	d2	Referencia BLUE
K201730.005	6.3	1.5	45	3	5	K201735.005
K201730.010	8.3	2	50	3	6	K201735.010
K201730.020	10.4	2.5	50	3	6	K201735.020
K201730.030	12.4	2.8	56	3	8	K201735.030
K201730.040	16.5	3.2	60	3	10	K201735.040
K201730.050	20.5	3.5	63	3	10	K201735.050
K201730.060	25	3.8	67	3	10	K201730.060

Avellanador 120

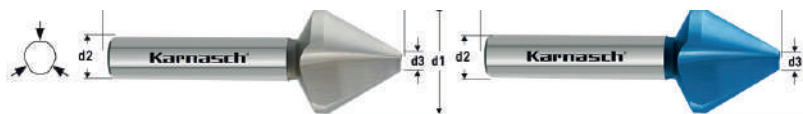
• Características: HSS-XE-Blue - DIN 335 - Forma C - 120°



Referencia	d1	d3	L1	Z	d2	Referencia BLUE
K404040.0063	6.3	1.5	45	3	5	K403040.0063
K404040.0083	8.3	2	50	3	6	K403040.0083
K404040.0104	10.4	2.5	50	3	6	K403040.0104
K404040.0124	12.4	3	56	3	8	K403040.0124
K404040.0165	16.5	3.5	60	3	10	K403040.0165
K404040.0205	20.5	4	60	3	10	K403040.0205
K404040.0250	25	5	63	3	10	K403040.0250

Avellanador 60°

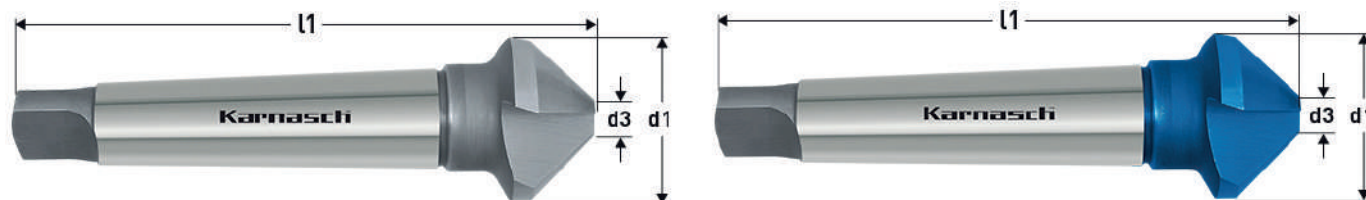
• Características: HSS-XE – DIN 335 – Forma C – 60°



Referencia	d1	d3	L1	Z	d2	Referencia BLUE
K404030.0063	6.3	1.6	45	3	5	K403030.0063
K404030.0080	8	2	50	3	6	K403030.0080
K404030.0100	10	2.5	53	3	6	K403030.0100
K404030.0125	12.5	3.2	56	3	8	K403030.0125
K404030.0160	16	4	63	3	10	K403030.0160
K404030.0200	20	5	67	3	10	K403030.0200
K404030.0250	25	6.3	71	3	10	K403030.0250
K404030.0315	31.5	10	76	3	12	K403030.0315

Avellanador 90° - Cono Morse

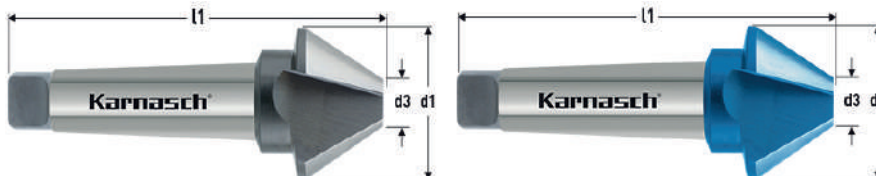
• Características: HSS-XE – DIN335 – Forma C – 90°



Referencia	d1	d3	L1	Z	CM	AF	BF	Referencia BLUE
K201790.010	20.5	3.5	100	3	2	-	M10	K201795.010
K201790.020	25	3.8	106	3	2	-	M12	K201795.020
K201790.030	31	4.2	112	3	2	-	M16	K201795.030
K201790.040	37	4.8	118	3	2	M20	M20	K201795.040
K201790.050	40	10	140	3	3	-	-	K201795.050
K201790.060	50	14	150	3	3	-	-	K201795.060
K201790.070	63	16	180	3	4	-	-	K201795.070
K201790.080	80	22	190	3	4	-	-	K201795.080

Avellanador 60° - Cono Morse

• Características: HSS-XE – DIN335 – Forma C – 60°



Referencia	d1	d3	L1	Z	d2	Referencia BLUE
K404035.0200	20	5	106	3	2	K403035.0200
K404035.0250	25	6.3	112	3	2	K403035.0250
K404035.0315	31.5	10	118	3	2	K403035.0315
K404035.0400	40	12.5	150	3	3	K403035.0400
K404035.0500	50	16	160	3	3	K403035.0500
K404035.0630	63	20	190	3	4	K403035.0630
K404035.0800	80	25	200	3	4	K403035.0800

Extractor de Machos - Set Extractor de Machos

• Hasta 65 HRC – Micrograno MD – 0° - Amarre Cilindrico y Hexagonal

Referencia	Para M	Ød1 H7	L3	L1	Ød2 H6
K201860.010	M-3	2.5	10	38	3
K201860.020	M-4	3.3	14	46	4
K201860.030	M-5	4.2	19	50	5
K201860.040	M-6	5.0	23	50	6
K201860.050	M-8	6.8	23	60	8
K201860.060	M-10	8.5	25	80	10
K201860.070	M-12	10.2	35	80	12
K201865	M3 a M10	Set de Extractor de Machos			

