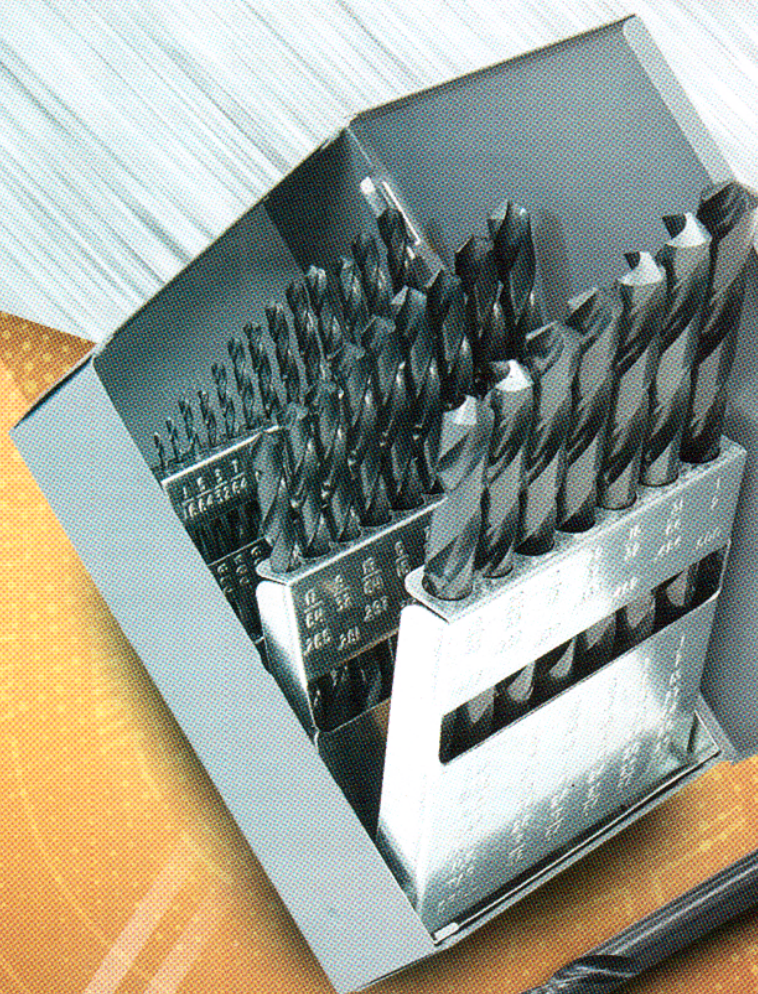




CLEVELAND



EDICIÓN
2020
2021

Broca Fraccional Z.R. Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte MM	Largo total MM
44001	1/64"	3/16"	3/4"
44002	1/32"	1/2"	1 3/8"
44003	3/64"	3/8"	1 3/4"
C01016	1/64"	4.76	19.05
C01038	1/32"	12.70	34.93
C01059	3/64"	19.05	44.45
C01071	1/16"	22.23	47.63
C01085	5/64"	25.40	50.80
C01100	3/32"	31.75	57.15
C01113	7/64"	38.10	66.68
C01123	1/8"	41.28	69.85
C01132	9/64"	44.45	73.03
C01143	5/32"	50.80	79.38
C01154	11/64"	53.98	82.55
C01165	3/16"	58.75	88.90
C01176	13/64"	61.93	92.08
C01186	7/32"	63.50	95.25
C01195	15/64"	66.68	98.43
C01204	1/4"-E	69.85	101.60
C01212	17/64"	73.03	104.78
C01226	9/32"	74.63	107.95
C01230	19/64"	77.80	111.13
C01237	5/16"	80.98	114.30
C01245	21/64"	84.15	117.40
C01252	11/32"	87.33	120.65
C01260	23/64"	88.90	123.83
C01267	3/8"	92.08	127.00
C01275	25/64"	95.25	130.18
C01281	13/32"	98.43	133.35
C01284	27/64"	100.03	136.53
C01287	7/16"	103.20	139.70
C01290	29/64"	106.38	142.88
C01292	15/32"	109.55	146.05
C01295	31/64"	111.13	149.23
C01297	1/2"	114.30	152.40
C01300	33/64"	122.25	168.28
C01302	17/32"	122.25	168.28
C01305	35/64"	122.25	168.28
C01308	9/16"	122.25	168.28
C01310	37/64"	122.25	168.28
C01313	19/32"	131.78	180.98
C01315	39/64"	131.78	180.98
C01318	5/8"	131.78	180.98
C01321	41/64"	131.78	180.98
C01323	21/32"	131.78	180.98
C01326	43/64"	142.88	193.68
C01328	11/16"	142.88	193.68

Broca Numérica Z.R. Acero Alta Velocidad

Código	Diám. Broca	L. corte MM	L. total MM
C01051	60	17.48	41.28
C01052	59	17.48	41.28
C01054	58	17.48	41.28
C01055	57	19.05	44.45
C01058	56	19.05	44.45
C01063	55	22.23	47.63
C01065	54	22.23	47.63
C01069	53	22.23	47.63
C01073	52	22.23	47.63
C01076	51	25.40	50.80
C01078	50	25.40	50.80
C01081	49	25.40	50.80
C01083	48	25.40	50.80
C01086	47	25.40	50.80
C01089	46	28.58	53.98
C01090	45	28.58	53.98
C01093	44	28.58	53.98
C01096	43	31.75	57.15
C01099	42	31.75	57.15
C01102	41	34.93	60.33
C01104	40	34.93	60.33
C01106	39	34.93	60.33
C01107	38	36.53	63.50
C01109	37	36.53	63.50
C01111	36	36.53	63.50
C01114	35	38.10	66.68
C01116	34	38.10	66.68
C01117	33	38.10	66.68
C01119	32	41.28	68.85
C01121	31	41.28	69.85
C01126	30	41.28	69.85
C01129	29	44.45	73.03
C01131	28	44.45	73.03
C01134	27	47.63	76.20
C01136	26	47.63	76.20
C01138	25	47.63	76.20
C01140	24	50.80	79.38
C01142	23	50.80	79.38
C01144	22	50.80	79.38
C01146	21	53.98	82.55
C01147	20	53.98	82.55
C01150	19	53.98	82.55
C01153	18	53.98	82.55
C01155	17	55.58	85.73
C01157	16	55.58	85.73
C01159	15	55.58	85.73
C01161	14	55.58	85.73
C01162	13	58.75	88.90
C01166	12	58.75	88.90
C01168	11	58.75	88.90
C01170	10	61.93	92.08
C01171	9	61.93	92.08
C01173	8	61.93	92.08
C01175	7	61.93	92.08
C01177	6	63.50	95.25
C01179	5	63.50	95.25
C01182	4	63.50	95.25
C01184	3	63.50	95.25
C01188	2	66.68	98.43
C01191	1	66.68	98.43



Broca Alfabética Z.R. Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte MM	Largo total MM
C01194	A	66.68	98.43
C01197	B	69.85	101.60
C01199	C	69.85	101.60
C01201	D	69.85	101.60
C01204	E	69.85	101.60
C01208	F	73.03	104.78
C01210	G	73.03	104.78
C01214	H	73.03	104.78
C01217	I	73.03	104.78
C01219	J	73.03	104.78
C01221	K	74.63	107.95
C01225	L	74.63	107.95
C01228	M	77.80	111.13
C01232	N	77.80	111.13
C01239	O	80.98	114.30
C01242	P	84.15	117.40
C01247	Q	87.33	120.65
C01250	R	87.33	120.65
C01255	S	88.00	123.83
C01258	T	88.90	123.83
C01264	U	92.08	127.00
C01268	V	92.08	127.00
C01273	W	95.25	130.18
C01277	X	95.25	130.18
C01279	Y	98.43	133.35
C01282	Z	98.43	133.35



La broca 47362
es de la marca

 **CASTILLO**
Herramienta de corte

Broca Milimétrica Z.R. Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte MM	Largo total MM
C01050	1.00	12.00	34.00
C01060	1.20	16.00	38.00
C01062	1.30	16.00	38.00
C01068	1.50	18.00	40.00
C01087	2.00	24.00	49.00
C01097	2.30	27.00	53.00
C01101	2.40	30.00	57.00
C01105	2.50	30.00	57.00
C01108	2.60	30.00	57.00
C01120	3.00	33.00	61.00
C01122	3.10	36.00	65.00
C01124	3.20	37.00	66.00
C01127	3.30	38.00	67.00
C01128	3.40	39.00	70.00
C01130	3.50	39.00	70.00
C01145	4.00	43.00	75.00
C01148	4.10	43.00	75.00
C01149	4.20	43.00	75.00
C01152	4.30	47.00	80.00
C01158	4.50	47.00	80.00
C01172	5.00	52.00	86.00
C01185	5.50	57.00	93.00
C01196	6.00	57.00	93.00
C01206	6.40	63.00	101.00
C01207	6.50	63.00	101.00
C01209	6.60	63.00	101.00
C01211	6.70	63.00	101.00
C01215	6.80	69.00	109.00
C01218	7.00	69.00	109.00
C01229	7.50	69.00	109.00
C01235	7.80	75.00	117.00
C01238	8.00	75.00	117.00
C01240	8.10	75.00	117.00
C01244	8.30	84.15	117.40
C01248	8.50	75.00	117.00
C01251	8.70	81.00	125.00
C01257	9.00	81.00	125.00
C01261	9.20	81.00	125.00
C01266	9.50	81.00	125.00
C01276	10.00	87.00	133.00
C01283	10.50	87.00	133.00
C01286	11.00	94.00	142.00
C01289	11.50	94.00	142.00
C01293	12.00	101.00	151.00
C01296	12.50	101.00	151.00
C01299	13.00	101.00	151.00
C01306	14.00	108.00	160.00
47362	14.00	4.252	6.299



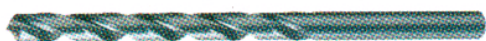
Broca Z.R. Larga Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte Pulg	Largo total Pulg
C09657	1/8	5.1/2	8
C09659	5/32	5.1/2	8
C09661	3/16	5.1/2	8
C09663	7/32	5.1/2	8
C09665	1/4	5.1/2	8
C09667	9/32	5.1/2	8
C09669	5/16	5.1/2	8
C09671	11/32	5.1/2	8
C09673	3/8	5.1/2	8
C09675	13/32	5.1/2	8
C09677	7/16	5.1/2	8
C09679	15/32	5.1/2	8
C09681	1/2	5.1/2	8



Broca Z.R. Extra Larga Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte Pulg	Largo total Pulg
C09736	1/8	9	12
C09738	5/32	9	12
C09740	3/16	9	12
C09742	7/32	9	12
C09744	1/4	9	12
C09746	9/32	9	12
C09748	5/16	9	12
C09750	11/32	9	12
C09752	3/8	9	12
C09725	13/32	7.1/2	10
C09756	7/16	9	12
C09758	15/32	9	12
C09760	1/2	9	12



Broca Fraccional Z.R. Larga Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte Pulg	Largo total Pulg
C08870	45/64	5.5/8	9.1/2
C08872	23/32	5.5/8	9.1/2
C08874	47/64	5.7/8	9.3/4
C08876	3/4	5.7/8	9.3/4
C08877	49/64	6	9.7/8
C08879	25/32	6	9.7/8
C08883	13/16	6.1/8	10
C08886	27/32	6.1/8	10
C08890	7/8	6.1/8	10
C08897	15/16	6.1/8	10.3/4
C08904	1	6.3/8	11



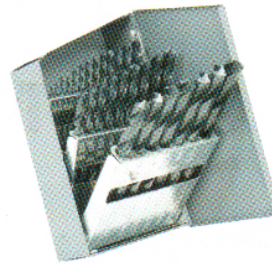
Broca Fraccional Zanco de 1/2" Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte Pulg	Largo total Pulg
C11164	17/32	3.1/8	6
C11170	9/16	3.1/8	6
C11175	19/32	3.1/8	6
C11180	5/8	3.1/8	6
C11185	21/32	3.1/8	6
C11190	11/16	3.1/8	6
C11194	23/32	3.1/8	6
C11198	3/4	3.1/8	6
C11201	25/32	3	6
C11205	13/16	3	6
C11208	27/32	3	6
C11212	7/8	3	6
C11216	29/32	3	6
C11219	15/16	3	6
C11226	1	3	6
C11233	1.1/16	3	6
C11241	1.1/8	3	6



Broca Zanco Cónico Acero Alta Velocidad

Código	Diámetro Broca	Largo de corte Pulg	Largo total Pulg	Cono Morse
C12204	5/8	4.7/8	8.3/4	2
C12207	41/64	5.1/8	9	2
C12209	21/32	5.1/8	9	2
C12212	43/64	5.3/8	9.1/4	2
C12214	11/16	5.3/8	9.1/4	2
C12216	45/64	5.5/8	9.1/2	2
C12220	47/64	5.7/8	9.3/4	2
C12222	3/4	5.7/8	9.3/4	2
C12225	25/32	6	9.7/8	2
C12229	13/16	6.1/8	10.3/4	3
C12236	7/8	6.1/8	10.3/4	3
C12243	15/16	6.1/8	10.3/4	3
C12250	1"	6.3/8	11	3
C12254	1.1/32	6.1/2	11.1/8	3
C12257	1.1/16	6.5/8	11.1/4	3
C12265	1.1/8	7.1/8	12.3/4	4
C12268	1.5/32	7.1/4	12.7/8	4
C12272	1.3/16	7.3/8	13	4
C12279	1.1/4	7.7/8	13.1/2	4
C12286	1.5/16	8.5/8	14.1/4	4
C12293	1.3/8	8.7/8	14.1/2	4
C12301	1.7/16	9.1/8	14.3/4	4
C12308	1.1/2	9.3/8	15	4
C12322	1.5/8	10	17	5
C12365	2"	10.3/8	17.3/8	5



Juego de Brocas

Código	Rango de Medida	No. de Piezas	Marca
C00888	1/16" - 1/2" x 64avos	29	Cleveland
C00943	1.00 - 13.00 MM x 0.50 mm	25	Cleveland
C00939	A - Z	26	Cleveland
57716	#1 - 60	60	Chicago Latrobe



Cuchilla de Cobalto 8% Mo-Max

Código	Ancho	Altura	Largo Total
C44741	3/32	1/2	4.1/2
C44743	3/32	5/8	5
C44745	1/8	3/4	5
C44747	1/8	7/8	6
C44749	3/16	1	6.1/2

NUEVO Buril Cuadrado Mo-Max Acero Alta Velocidad

Código	Ancho	L. total Pulg	L. total MM
C44513	1/4	2.1/2	63.50
C44514	5/16	2.1/2	63.50
C44516	3/8	3"	76.20
C44520	1/2	4"	101.60
C44525	3/4	5"	127.00

NUEVO

Buril Redondo Tipo Gorton Acero Alta Velocidad



Código	Ancho	Largo total IN	Largo total MM
3558-0062	1/16	4	101.60
3558-0187	3/16	4	101.60
3558-0250	1/4	4	101.60
3558-0312	5/16	4	101.60
3558-0375	3/8	4	101.60



Extractor de Tornillo

Código	Núm.	Diámetro de Punta Corta MM	Diámetro de Punta Larga MM	Largo Total	Medida de Tornillo	Diámetro Broca Recomendada
C53651	1	1.37	3.97	50.80	3/16 a 1/4	5/64
C53652	2	2.03	4.76	60.33	1/4 a 5/16	7/64
C53653	3	3.18	6.35	68.26	5/16 a 7/16	5/32
C53654	4	4.76	8.33	73.03	7/16 a 9/16	1/4
C53655	5	6.35	11.11	85.73	9/16 a 3/4	9/32

