GREENFIELD®

SEPTIEMBRE 2026

TOLEDO®

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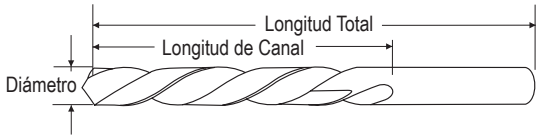
Aplicaciones

- P — Acero
- N — No Ferrosos
- K — Hierro Fundido
- M — Acero Inoxidable

Brocas Zanco Recto MRO Acero Alta Velocidad Fraccionales Uso General



Características

ASME B94.11M | HSS | Óxido al Vapor

Aplicaciones

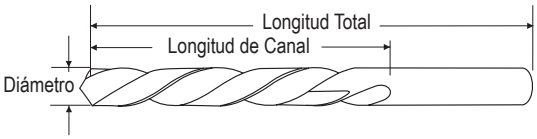
P K N

Clave	Descripción	Long. Canal Pulgs.	Long. Canal mm	Long. Total Pulgs.	Long. Total mm	Empaque	Precio Unitario
HGR292698	1/32" (0.0312")	1/2	12.70	1-3/8	34.93	10	$36.20
HGR292699	3/64" (0.0469")	3/4	19.05	1-3/4	44.45	10	$34.40
HGR292700	1/16" (0.0625")	7/8	22.23	1-7/8	47.63	10	$18.30
HGR292701	5/64" (0.0781")	1	25.40	2	50.80	10	$18.30
HGR292702	3/32" (0.0938")	1-1/4	31.75	2-1/4	57.15	10	$19.00
HGR292703	7/64" (0.1094")	1-1/2	38.10	2-5/8	66.68	10	$19.00
HGR292704	1/8" (0.1250")	1-5/8	41.28	2-3/4	69.85	10	$18.30
HGR292705	9/64" (0.1406")	1-3/4	44.45	2-7/8	73.03	10	$20.50
HGR292706	5/32" (0.1562")	2	50.80	3-1/8	79.38	10	$22.70
HGR292707	11/64" (0.1719")	2-1/8	53.98	3-1/4	82.55	10	$25.70
HGR292708	3/16" (0.1875")	2-5/16	58.74	3-1/2	88.90	10	$25.70
HGR292709	13/64" (0.2031")	2-7/16	61.91	3-5/8	92.08	10	$35.20
HGR292710	7/32" (0.2188")	2-1/2	63.50	3-3/4	95.25	10	$37.40
HGR292711	15/64" (0.2344")	2-5/8	66.68	3-7/8	98.43	10	$41.00
HGR292712	1/4"-E (0.2500")	2-3/4	69.85	4	101.60	10	$41.10
HGR292713	17/64" (0.2656")	2-7/8	73.03	4-1/8	104.78	10	$55.00
HGR292714	9/32" (0.2812")	2-15/16	74.61	4-1/4	107.95	10	$65.20
HGR292715	19/64" (0.2969")	3-1/16	77.79	4-3/8	111.13	5	$68.90
HGR292716	5/16" (0.3125")	3-3/16	80.96	4-1/2	114.30	5	$67.50
HGR292717	21/64" (0.3281")	3-5/16	84.14	4-5/8	117.48	5	$78.40
HGR292718	11/32" (0.3438")	3-7/16	87.31	4-3/4	120.65	5	$89.40
HGR292719	23/64" (0.3594")	3-1/2	88.90	4-7/8	123.83	5	$101.80
HGR292720	3/8" (0.3750")	3-5/8	92.08	5	127.00	5	$98.10
HGR292721	25/64" (0.3906")	3-3/4	95.25	5-1/8	130.18	5	$116.50
HGR292722	13/32" (0.4062")	3-7/8	98.43	5-1/4	133.35	5	$118.00
HGR292723	27/64" (0.4219")	3-15/16	100.01	5-3/8	136.53	5	$129.70
HGR292724	7/16" (0.4375")	4-1/16	103.19	5-1/2	139.70	5	$140.70
HGR292725	29/64" (0.4531")	4-3/16	106.36	5-5/8	142.88	5	$163.40
HGR292726	15/32" (0.4688")	4-5/16	109.54	5-3/4	146.05	5	$171.90
HGR292727	31/64" (0.4844")	4-3/8	111.13	5-7/8	149.23	5	$177.00
HGR292728	1/2" (0.5000")	4-1/2	114.30	6	152.40	5	$178.00
Milimétricas							
HGR290100	1.00 mm	.4724	12.0	1.3385	34	10	$35.80
HGR290150	1.50 mm	.7086	18.0	1.5748	40	10	$35.00
HGR290200	2.00 mm	.9449	24.0	1.9291	49	10	$28.80
HGR290250	2.50 mm	1.1811	30.0	2.2441	57	10	$28.80
HGR290300	3.00 mm	1.2992	33.0	2.4016	61	10	$26.30
HGR290350	3.50 mm	1.5354	39.0	2.7559	70	10	$28.00
HGR290400	4.00 mm	1.6929	43.0	2.9528	75	10	$32.30
HGR290450	4.50 mm	1.8504	47.0	3.1496	80	10	$33.60
HGR290500	5.00 mm	2.0472	52.0	3.3858	86	10	$39.10
HGR290600	6.00 mm	2.2441	57.0	3.6614	93	10	$45.00
HGR290650	6.50 mm	2.4803	63.0	3.9763	101	10	$53.40
HGR290700	7.00 mm	2.717	69.0	4.291	109	10	$61.90
HGR290750	7.50 mm	2.717	69.0	4.291	109	5	$69.40
HGR290800	8.00 mm	2.953	75.0	4.606	117	5	$78.30
HGR290850	8.50 mm	2.953	75.0	4.606	117	5	$117.70
HGR290900	9.00 mm	3.189	81.0	4.921	125	5	$108.30
HGR290950	9.50 mm	3.189	81.0	4.921	125	5	$127.60
HGR291000	10.00 mm	3.425	87.0	5.236	133	5	$124.60
HGR291050	10.50 mm	3.425	87.0	5.236	133	5	$137.70
HGR291100	11.00 mm	3.700	94.0	5.591	142	5	$159.90
HGR291150	11.50 mm	3.700	94.0	5.591	142	5	$173.40
HGR291200	12.00 mm	3.976	101.0	5.945	151	5	$191.00
HGR291300	13.00 mm	3.976	101.0	5.945	151	1	$258.00
HGR291350	13.50 mm	4.251	108.0	6.299	160	1	$405.00
HGR291400	14.00 mm	4.251	108.0	6.299	160	1	$437.00
HGR291500	15.00 mm	4.488	114.0	6.654	169	1	$515.00
HGR291600	16.00 mm	4.724	120.0	7.008	178	1	$548.00
HGR291650	16.50 mm	4.921	125.0	7.244	184	1	$746.00
HGR291700	17.00 mm	4.921	125.0	7.244	184	1	$784.00

Juego de Brocas Fraccionales Zanco Recto

Clave	Descripción	Empaque	Precio Unitario
HGR292729	29 brocas 1/16"-1/2" x 1/64"	1	**$2,330.00**
HGR290000	25 brocas 1 a 13 mm	1	**$2,660.00**

Brocas Longitud Jobber Acero Alta Velocidad al Cobalto

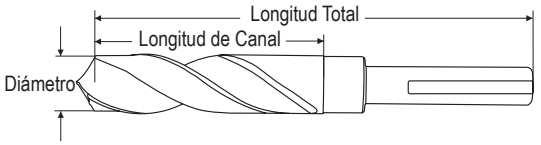


Características

Aplicaciones

Clave	Descripción	Long. Canal Pulgs.	Long. Canal mm	Long. Total Pulgs.	Long. Total mm	Empaque	Precio Unitario
HGR68344	1/16"	7/8	22.23	1-27/64	36.00	12	**$42.40**
HGR68346	3/32"	1-1/4	31.75	2-1/4	50.80	12	**$50.90**
HGR68351	1/8"	15/8	41.28	2-3/4	69.85	12	**$57.30**
HGR68353	5/32"	2	50.80	3-1/8	79.38	12	**$62.00**
HGR68355	3/16"	2-5/16	58.75	3-1/2	88.90	12	**$65.60**
HGR68357	7/32"	2-1/2	63.50	3-3/4	95.25	12	**$86.70**
HGR68359	1/4"	2-3/4	69.85	4	101.60	12	**$114.50**
HGR68361	9/32"	2-15/16	74.63	4-1/4	107.95	12	**$151.10**
HGR68363	5/16"	3-3/16	80.98	4-1/2	114.30	6	**$191.00**
HGR68367	3/8"	3-5/8	92.08	5	127.00	6	**$275.00**
HGR68371	7/16"	4-1/16	103.20	5-1/2	140.00	6	**$371.00**
HGR68375	1/2"	4-1/2	114.30	6	152.00	6	**$552.00**
Milimétricas							
HGR710100	M1	.472	12.00	1.339	34.03	10	**$70.60**
HGR710200	M2	.945	24.00	1.929	49.00	10	**$56.80**
HGR710300	M3	1.299	33.00	2.402	66.01	10	**$51.70**
HGR710500	M5	2.047	52.00	3.386	86.00	10	**$77.10**
HGR710600	M6	2.244	57.00	3.661	93.00	10	**$85.20**
HGR710700	M7	2.717	69.00	4.291	109.00	10	**$119.30**
HGR710800	M8	2.953	75.00	4.606	117.00	5	**$154.40**
HGR710900	M9	3.189	81.00	4.921	125.00	5	**$214.00**
HGR711100	M11	3.701	94.00	5.591	142.00	5	**$306.00**
HGR711200	M12	3.976	101.00	5.945	151.00	5	**$359.00**
HGR711300	M13	3.976	101.00	5.945	151.00	1	**$402.00**
HGR711400	M14	4.252	108.00	6.299	160.00	1	**$862.00**
HGR711500	M15	4.488	114.00	6.654	169.00	1	**$1,016.00**
HGR711600	M16	4.724	120.00	7.008	178.00	1	**$1,081.00**
HGR711800	M18	5.118	130.00	7.520	191.00	1	**$1,697.00**
HGR712000	M20	5.511	140.00	8.0706	205.00	1	**$1,840.00**

Brocas Acero Alta Velocidad con Zanco Reducido a 1/2”



Características

ASME B94.11M | HSS | Óxido al Vapor

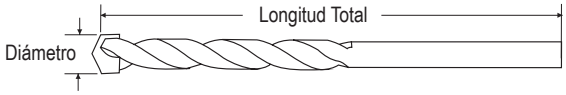
Hélice Regular 21° a 34° | Reducido | 118°

Aplicaciones

P | K

Clave	Descripción	Long. Canal		Long. Total		Empaque	Precio Unitario
		Pulgs.	mm	Pulgs.	mm		
HGR20732	1/2”	3-1/8	79.38	6	152.40	1	**$537.00**
HGR20734	17/32”	3-1/8	79.38	6	152.40	1	**$417.00**
HGR20736	9/16”	3-1/8	79.38	6	152.40	1	**$433.00**
HGR20738	19/32”	3-1/8	79.38	6	152.40	1	**$507.00**
HGR20740	5/8”	3-1/8	79.38	6	152.40	1	**$472.00**
HGR20742	21/32”	3-1/8	79.38	6	152.40	1	**$525.00**
HGR20744	11/16”	3-1/8	79.38	6	152.40	1	**$579.00**
HGR20746	23/32”	3-1/8	79.38	6	152.40	1	**$643.00**
HGR20748	3/4”	3-1/8	79.38	6	152.40	1	**$688.00**
HGR20750	25/32”	3-1/8	79.38	6	152.40	1	**$775.00**
HGR20751	13/16”	3-1/8	79.38	6	152.40	1	**$749.00**
HGR20753	7/8”	3-1/8	79.38	6	152.40	1	**$846.00**
HGR20755	15/16”	3-1/8	79.38	6	152.40	1	**$942.00**
HGR20757	1”	3-1/8	79.38	6	152.40	1	**$1,041.00**
HGR20758	1-1/16”	3-1/8	79.38	6	152.40	1	**$1,332.00**
HGR20759	1-1/8”	3-1/8	79.38	6	152.40	1	**$1,295.00**
HGR20761	1-1/4”	3-1/8	79.38	6	152.40	1	**$1,548.00**
HGR20762	1-5/16”	3-1/8	79.38	6	152.40	1	**$3,360.00**
HGR20763	1-3/8”	3-1/8	79.38	6	152.40	1	**$3,460.00**
HGR20765	1-1/2”	3-1/8	79.38	6	152.40	1	**$3,750.00**

Brocas para Concreto



Características

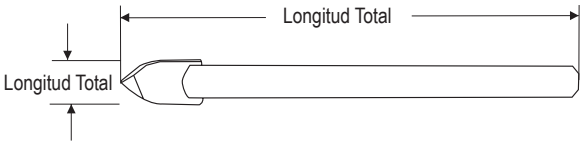
Punta de Carburo | Brillante | Recto

Aplicaciones

Concreto | Ladrillo | Piedra

Clave	Descripción	Long. Total Pulgs.	Long. Total mm	Empaque	Precio Unitario
HGR890304	1/8" x 3"	3	76.2	10	$17.80
HGR890406	3/16" x 4"	4	101.6	10	$17.00
HGR890408	1/4" x 4"	4	101.6	10	$18.20
HGR890410	5/16" x 4"	4	101.6	10	$26.40
HGR890412	3/8" x 4"	4	101.6	10	$34.70
HGR890608	1/4" x 6"	6	152.4	10	$30.00
HGR890610	5/16" x 6"	6	152.4	10	$40.40
HGR890612	3/8" x 6"	6	152.4	5	$45.50
HGR890614	7"/16"	6	152.4	5	$56.30
HGR890616	1/2" x 6"	6	152.4	5	$62.00
HGR890620	5/8" x 6"	6	152.4	10	$95.40
HGR890624	3/4" x 6"	6	152.4	10	$182.00
HGR891308	1/4" x 12"	12	304.8	10	$75.80
HGR891310	5/16" x 12"	12	304.8	10	$81.70
HGR891312	3/8" x 12"	12	304.8	10	$101.70
HGR891316	1/2" x 12"	12	304.8	10	$117.40
HGR891320	5/8" x 12"	12	304.8	5	$163.40
HGR891324	3/4" x 12"	12	304.8	5	$249.00

Brocas para Vidrio y Azulejo



Características

Punta de Carburo | Brillante | Recto

Aplicaciones

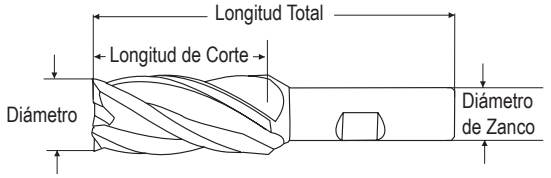
Vidrio | Azulejo

Clave	Descripción	Diámetro Decimal	Diámetro mm	Long. Total Pulgs.	Empaque	Precio Unitario
HGR882504	1/8"	.1250	3.18	2-1/2	10	$51.20
HGR882506	3/16"	.1875	4.76	2-1/2	10	$52.90
HGR882508	1/4"	.2500	6.35	2-1/2	10	$62.70
HGR882810	5/16"	.3125	7.94	2-3/4	5	$77.80
HGR883112	3/8"	.3750	9.53	3-1/8	5	$112.90

Juegos de Extractores

Clave	Descripción	Empaque	Precio Unitario
HGR21149	#1 AL #5	1	**$413.00**
HGR21151	#1 AL #9	1	**$1,970.00**

Cortadores Verticales Fraccionales con Corte al Centro



Características

HSS · ANSI · Brillante

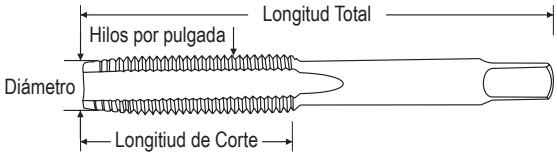
4 Canañes CC · 30° · Recto

Aplicaciones

P · K · M

Clave	Descripción	Long. de Corte Pulgs.	Long. de Corte mm	Long. Total Pulgs.	Long. Total mm	No. de Canales	Empaque	Precio Unitario
HGR600412	1/8 x 3/8	3/8	9.53	2-5/16	58.74	4	1	**$218.00**
HGR600612	3/16 x 3/8	5/8	15.88	2-7/16	61.92	4	1	**$218.00**
HGR600812	1/4 x 3/8	3/4	19.05	2-1/2	63.50	4	1	**$218.00**
HGR601012	5/16 x 3/8	3/4	19.05	2-1/2	63.50	4	1	**$218.00**
HGR601212	3/8 x 3/8	3/4	19.05	2-1/2	63.50	4	1	**$218.00**
HGR601616	1/2 x 1/2	1-1/4	31.75	3-1/4	82.55	4	1	**$397.00**
HGR602020	5/8 x 5/8	1-5/8	41.28	3-3/8	85.73	4	1	**$649.00**
HGR602424	3/4 x 3/4	1-5/8	41.28	3-7/8	98.43	4	1	**$890.00**
Milimétricos								
HGR610412	4.00 mm	1/2	12.70	2-3/8	60.33	4	1	**$258.00**
HGR610612	6.00 mm	5/8	15.88	2-7/16	61.92	4	1	**$258.00**
HGR610812	8.00 mm	3/4	19.05	2-1/2	63.50	4	1	**$283.00**
HGR611012	10.00 mm	1	25.40	2-11/16	68.26	4	1	**$325.00**

Machuelos de acero al carbón



Características

Aplicaciones

Clave	Diámetro	Hilos por Pulgada	Longitud de Corte Pulgs	Longitud Total Pulgs	Diámetro Zanco	Empaque	Precio Unitario
HGR10788	1/8	NS-40	5/8	1-15/16	9/64	10	$43.90
HGR10794	5/32	NS-32	3/4	2-1/8	11/64	10	$43.90
HGR10796	5/32	NS-36	3/4	2-1/8	11/64	10	$43.90
HGR10800	3/16	NS-24	7/8	2-3/8	3/16	10	$45.20
HGR10803	3/16	NS-32	7/8	2-3/8	3/16	10	$45.20
HGR10811	1/4	NC-20	1	2-1/2	1/4	10	$44.40
HGR10814	1/4	NF-28	1	2-1/2	1/4	10	$44.40
HGR10817	5/16	NC-18	1-1/8	2-23/32	5/16	5	$56.20
HGR10820	5/16	NF-24	1-1/8	2-23/32	5/16	5	$59.70
HGR10823	3/8	NC-16	1-1/4	2-15/16	5/16	5	$70.60
HGR10826	3/8	NF-24	1-1/4	2-15/16	5/16	5	$75.20
HGR10829	7/16	NC-14	1-7/16	3-5/32	3/8	5	$83.00
HGR10832	7/16	NF-20	1-7/16	3-5/32	3/8	5	$83.00
HGR10835	1/2	NC-13	1-21/32	3-3/8	23/64	5	$89.90
HGR10838	1/2	NF-20	1-21/32	3-3/8	23/64	5	$95.60
HGR10841	9/16	NC-12	1-21/32	3-19/32	27/64	3	$137.40
HGR10844	9/16	NF-18	1-21/32	3-19/32	27/64	3	$136.90
HGR10847	5/8	NC-11	1-13/16	3-13/16	7/16	3	$153.10
HGR10850	5/8	NF-18	1-13/16	3-13/16	7/16	3	$162.80
HGR10853	3/4	NC-10	2	4-1/4	19/32	3	$201.00
HGR10856	3/4	NF-16	2	4-1/4	19/32	3	$214.00
HGR10859	7/8	NC-9	2-7/32	4-11/16	11/16	1	$263.00
HGR10862	7/8	NF-14	2-7/32	4-11/16	11/16	1	$263.00
HGR10866	1	NC-8	2-1/2	5-1/8	13/16	1	$323.00
HGR10870	1	NF-12	2-1/2	5-1/8	13/16	1	$323.00
HGR10873	1	NS-14	2-1/2	5-1/8	13/16	1	$340.00
HGR10876	1-1/8	NC-7	2-9/16	5-7/16	57/64	1	$509.00
HGR10879	1-1/8	NF-12	2-9/16	5-7/16	57/64	1	$509.00
HGR10882	1-1/4	NC-7	2-9/16	5-3/4	1-1/16	1	$611.00
HGR10885	1-1/4	NF-12	2-9/16	5-3/4	1-1/16	1	$611.00
HGR10888	1-3/8	NC-6	6-1/2	3	1-1/8	1	$828.00
HGR10891	1-3/8	NF-12	6-1/2	3	1-1/8	1	$828.00
HGR10894	1-1/2	NC-6	6-3/8	3	1-1/4	1	$828.00
HGR10897	1-1/2	NF-12	6-3/8	3	1-1/4	1	$828.00

Machuelos de acero al carbón

Características

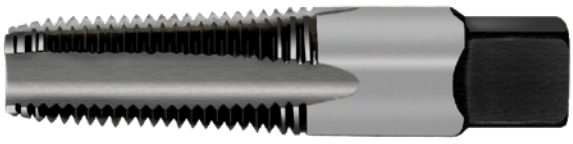
Aplicaciones

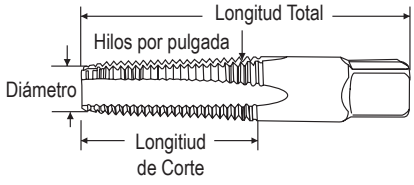
Clave	Diámetro	Hilos por Pulgada	Longitud de Corte Pulgs	Longitud Total Pulgs	Diámetro Zanco	Empaque	Precio Unitario
HGR307660	M3	0.50	5/8	1-15/16	1/8	10	**$68.10**
HGR307692	M4	0.70	3/4	2-1/8	1/64	10	**$70.10**
HGR307725	M5	0.80	7/8	2-3/8	3/16	10	**$79.30**
HGR307726	M5	0.90	7/8	2-3/8	3/16	10	**$79.30**
HGR307756	M6	1.00	1	2-1/2	1/4	10	**$82.20**
HGR307776	M7	1.00	1-1/8	2-23/32	9/32	10	**$88.80**
HGR307800	M8	1.25	1-1/8	2-23/32	21/64	5	**$101.00**
HGR307814	M9	1.25	1-1/4	2-15/16	23/64	5	**$113.40**
HGR307848	M10	1.50	1-1/4	2-15/16	13/32	5	**$126.60**
HGR307822	M10	0.75	1-1/4	2-15/16	13/32	5	**$126.60**
HGR307829	M10	1.00	1-1/4	2-15/16	13/32	5	**$126.60**
HGR307840	M10	1.25	1-1/4	2-15/16	13/32	5	**$126.60**
HGR307858	M11	1.50	1-7/16	3-5/32	5/16	5	**$145.30**
HGR307868	M12	1.00	1-21/32	3-3/8	3/8	5	**$175.00**
HGR307875	M12	1.25	1-21/32	3-3/8	3/8	5	**$175.00**
HGR307878	M12	1.50	1-21/32	3-3/8	3/8	5	**$175.00**
HGR307888	M12	1.75	1-21/32	3-3/8	3/8	5	**$175.00**
HGR307915	M14	1.25	1-1/4	3-1/32	27/64	3	**$232.00**
HGR307918	M14	1.50	1-1/4	3-1/32	27/64	3	**$232.00**
HGR307928	M14	2.00	1-1/4	3-1/32	27/64	3	**$232.00**
HGR307975	M16	1.00	1-3/4	3	31/64	3	**$247.00**
HGR307978	M16	2.00	1-3/4	3-13/16	31/64	3	**$247.00**
HGR308010	M18	1.50	1-3/16	3	17/32	1	**$372.00**
HGR308038	M18	2.50	1-3/16	3	17/32	1	**$372.00**
HGR308050	M20	1.00	2	4-1/4	19/32	1	**$456.00**
HGR308078	M20	2.50	2	4-1/4	19/32	1	**$456.00**
HGR308111	M22	1.50	2-3/16	4-5/8	11/16	1	**$462.00**
HGR308118	M22	2.50	2-3/16	4-5/8	11/16	1	**$462.00**
HGR308151	M24	1.50	2-3/8	4-15/64	23/32	1	**$536.00**
HGR308158	M24	3.00	2-1/4	4-3/4	47/64	1	**$536.00**
HGR308238	M27	3.00	2-1/2	5-1/8	51/64	1	**$756.00**
HGR308261	M30	1.50	2-9/16	5-7/16	57/64	1	**$822.00**
HGR308315	M30	2.00	2-9/16	5-7/16	57/64	1	**$822.00**
HGR308318	M30	3.50	2-9/16	5-7/16	57/64	1	**$822.00**
HGR308378	M33	3.50	2-1/2	5-3/4	1-1/16	1	**$1,236.00**
HGR308428	M36	4.00	3	6-1/8	1-1/8	1	**$1,614.00**

Machuelos de acero al carbón NPT

Características

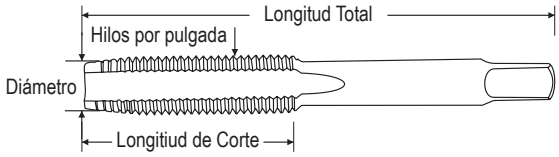
Aplicaciones





Clave	Diámetro	Hilos por Pulgada	Longitud de Corte Pulgs	Longitud Total Pulgs	Diámetro Zanco	Empaque	Precio Unitario
HGR10899	1/8	27	3/4	2-1/8	7/16	5	**$79.80**
HGR10900	1/4	18	1-1/6	2-7/16	9/16	5	**$119.50**
HGR10901	3/8	18	1-1/16	2-9/16	23/32	3	**$165.30**
HGR10902	1/2	14	1-3/8	3-1/8	11/16	3	**$374.00**
HGR10903	3/4	14.0	1-3/8	3-1/4	29/32	1	**$446.00**
HGR10904	1	11.5	1-3/4	3-1/4	1-1/8	1	**$690.00**
HGR10905	1-1/4	11.5	1-5/8	4	1-5/16	1	**$1,087.00**
HGR10906	1-1/2	11.5	1-3/4	4-1/4	1-5/16	1	**$1,820.00**

Juegos de Machuelos de acero al carbón
Set de 3 piezas: un cónico, un semi cónico y un recto.

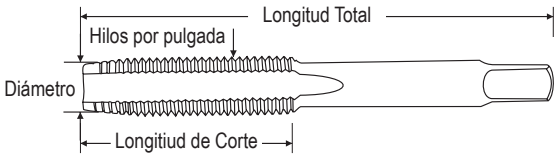


Características

Aplicaciones

Clave	Diámetro	Hilos por Pulgada	Longitud de Corte Pulgs	Longitud Total Pulgs	Diámetro Zanco	Empaque	Precio Unitario
HGR107883	1/8	NS-40	5/8	1-15/16	9/64	1	**$128.70**
HGR107913	1/8	NS-44	5/8	1-15/16	9/64	1	**$128.70**
HGR107943	5/32	NS-32	3/4	2-1/8	11/64	1	**$128.70**
HGR107963	5/32	NS-36	3/4	2-1/8	11/64	1	**$128.70**
HGR108003	3/16	NS-24	7/8	2-3/8	3/16	1	**$133.80**
HGR108033	3/16	NS-32	7/8	2-3/8	3/16	1	**$142.30**
HGR108113	1/4	NC-20	1	2-1/2	1/4	1	**$129.50**
HGR108143	1/4	NF-28	1	2-1/2	1/4	1	**$137.60**
HGR108173	5/16	NC-18	1-1/8	2-23/32	5/16	1	**$168.90**
HGR108203	5/16	NF-24	1-1/8	2-23/32	5/16	1	**$180.00**
HGR108233	3/8	NC-16	1-1/4	2-15/16	5/16	1	**$209.00**
HGR108263	3/8	NF-24	1-1/4	2-15/16	5/16	1	**$209.00**
HGR108293	7/16	NC-14	1-7/16	3-5/32	3/8	1	**$234.00**
HGR108323	7/16	NF-20	1-7/16	3-5/32	3/8	1	**$249.00**
HGR108353	1/2	NC-13	1-21/32	3-3/8	23/64	1	**$267.00**
HGR108383	1/2	NF-20	1-21/32	3-3/8	23/64	1	**$284.00**
HGR108413	9/16	NC-12	1-21/32	3-19/32	27/64	1	**$419.00**
HGR108443	9/16	NF-18	1-21/32	3-19/32	27/64	1	**$419.00**
HGR108473	5/8	NC-11	1-13/16	3-13/16	7/16	1	**$489.00**
HGR108503	5/8	NF-18	1-13/16	3-13/16	7/16	1	**$489.00**
HGR108533	3/4	NC-10	2	4-1/4	19/32	1	**$641.00**
HGR108563	3/4	NF-16	2	4-1/4	19/32	1	**$603.00**
HGR108593	7/8	NC-9	2-7/32	4-11/16	11/16	1	**$823.00**
HGR108623	7/8	NF-14	2-7/32	4-11/16	11/16	1	**$823.00**
HGR108663	1	NC-8	2-1/2	5-1/8	13/16	1	**$1,014.00**
HGR108703	1	NF-12	2-1/2	5-1/8	13/16	1	**$1,014.00**
HGR108733	1	NS-14	2-1/2	5-1/8	13/16	1	**$1,089.00**

Juegos de Machuelos de acero al carbón
Set de 3 piezas: un cónico, un semi cónico y un recto



Características

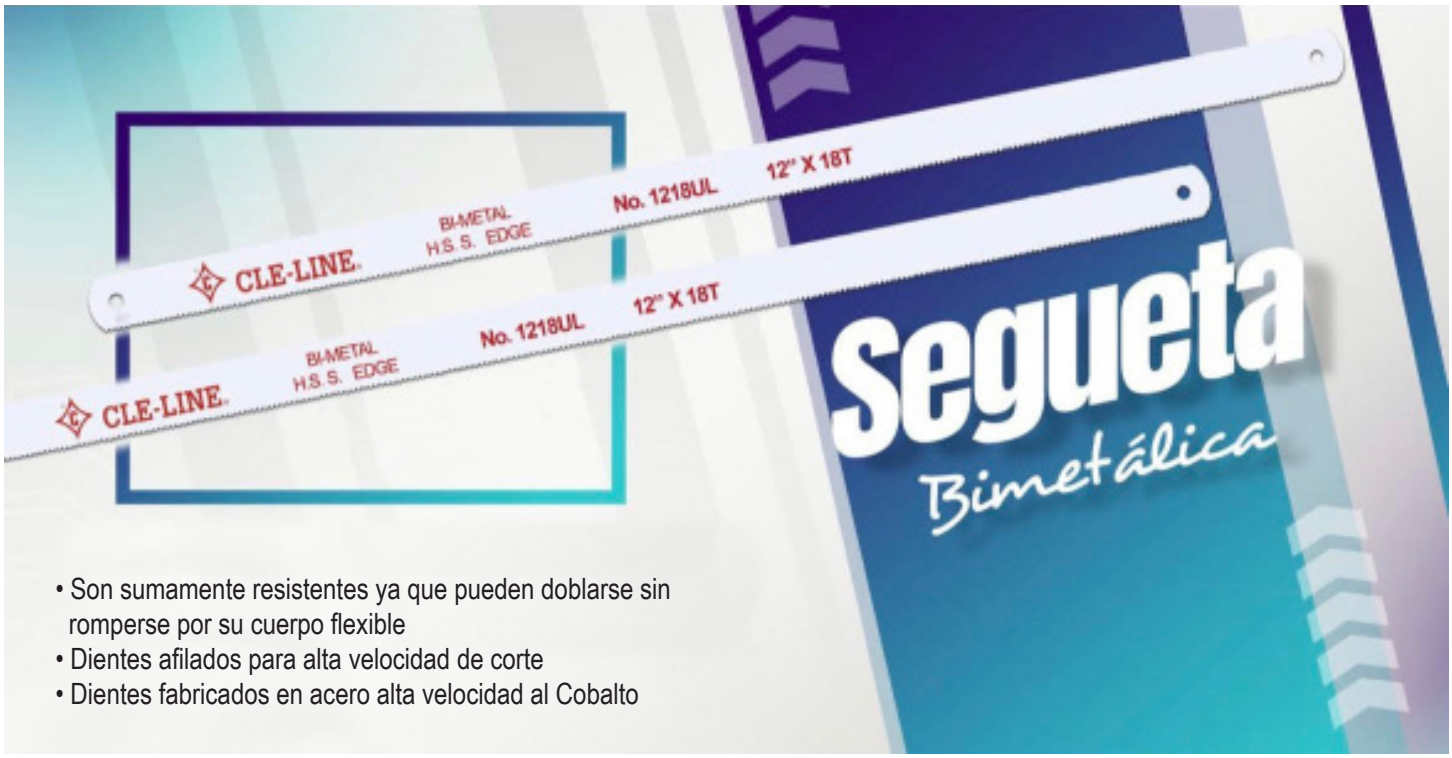
Aplicaciones

Clave	Diámetro	Hilos por Pulgada	Longitud de Corte Pulgs	Longitud Total Pulgs	Diámetro Zanco	Empaque	Precio Unitario
HGR3076603	M3	0.50	5/8	1-15/16	1/8	1	**$204.00**
HGR3076923	M4	0.70	3/4	2-1/8	1/64	1	**$204.00**
HGR3077253	M5	0.80	7/8	2-3/8	3/16	1	**$237.00**
HGR3077563	M6	1.00	1	2-1/2	1/4	1	**$247.00**
HGR3077763	M7	1.00	1-1/8	2-23/32	9/32	1	**$267.00**
HGR3078003	M8	1.25	1-1/8	2-23/32	21/64	1	**$303.00**
HGR3078143	M9	1.25	1-1/4	2-15/16	23/64	1	**$340.00**
HGR3078223	M10	0.75	1-1/4	2-15/16	13/32	1	**$380.00**
HGR3078293	M10	1.00	1-1/4	2-15/16	13/32	1	**$380.00**
HGR3078403	M10	1.25	1-1/4	2-15/16	13/32	1	**$380.00**
HGR3078483	M10	1.50	1-1/4	2-15/16	13/32	1	**$380.00**
HGR3078683	M12	1.00	1-21/32	3-3/8	3/8	1	**$525.00**
HGR3078753	M12	1.25	1-21/32	3-3/8	3/8	1	**$525.00**
HGR3078783	M12	1.50	1-21/32	3-3/8	3/8	1	**$525.00**
HGR3078883	M12	1.75	1-21/32	3-3/8	3/8	1	**$525.00**
HGR3079153	M14	1.25	1-1/4	3-1/32	27/64	1	**$697.00**
HGR3079183	M14	1.50	1-1/4	3-1/32	27/64	1	**$697.00**
HGR3079283	M14	2.00	1-1/4	3-1/32	27/64	1	**$697.00**
HGR3079783	M16	2.00	1-3/4	3-13/16	31/64	1	**$742.00**
HGR3080103	M18	1.50	1-3/16	3	17/32	1	**$1,010.00**
HGR3080383	M18	2.50	1-3/16	3	17/32	1	**$1,010.00**
HGR3080783	M20	2.50	2	4-1/4	19/32	1	**$1,367.00**
HGR3081113	M22	1.50	2-3/16	4-5/8	11/16	1	**$1,385.00**
HGR3081183	M22	2.50	2-3/16	4-5/8	11/16	1	**$1,385.00**
HGR3081513	M24	1.50	2-3/8	4-15/64	23/32	1	**$1,608.00**
HGR3081583	M24	3.00	2-1/4	4-3/4	47/64	1	**$1,608.00**
HGR3082613	M30	1.50	2-9/16	5-7/16	57/64	1	**$2,470.00**
HGR3083153	M30	2.00	2-9/16	5-7/16	57/64	1	**$2,470.00**
HGR3083183	M30	3.50	2-9/16	5-7/16	57/64	1	**$2,470.00**
HGR3084283	M36	4.00	3	6-1/8	1-1/8	1	**$2,760.00**

Seguetas Bimetálicas

Las seguetas Cle-Line cuentan con dientes fabricados en acero alta velocidad con un 8% de Cobalto que mejora la resistencia al calor que se genera durante el corte, puede ser utilizada para cortar metales, madera y plásticos.

Son sumamente resistentes ya que pueden doblarse sin romperse por su cuerpo flexible, con 24 dientes para corte fino y 18 dientes para cortes rápidos, pueden usarse para arco de 12''.



- Son sumamente resistentes ya que pueden doblarse sin romperse por su cuerpo flexible
- Dientes afilados para alta velocidad de corte
- Dientes fabricados en acero alta velocidad al Cobalto

Características

M42 Cobalto

Aplicaciones

P N

Clave	Descripción	Empaque	Precio Unitario
HGR1218B	18 Dientes por Pulg.	100	**$23.70**
HGR1224B	24 Dientes por Pulg.	100	**$23.70**

Sierra Copa Bimetálica

Clave	Diámetro pulg	mm	Empaque	Precio Unitario
HGR25000	9/16	14	1	**$215.00**
HGR26121	5/8	16	1	**$161.10**
HGR25002	11/16	17	1	**$161.10**
HGR26113	3/4	19	1	**$161.10**
HGR25004	-	20	1	**$161.10**
HGR26105	13/16	21	1	**$161.10**
HGR25006	7/ 8	22	1	**$161.10**
HGR25007	15/16	24	1	**$161.10**
HGR26101	1	25	1	**$169.50**
HGR25009	1-1/16	27	1	**$169.50**
HGR26103	1-1/8	29	1	**$169.50**
HGR25011	1-3/16	30	1	**$171.60**
HGR25012	1-1/4	32	1	**$171.60**
HGR25013	1-5/ 16	33	1	**$171.60**
HGR25014	1-3/8	35	1	**$183.00**
HGR25015	1-7/16	37	1	**$183.00**
HGR25016	1-1/2	38	1	**$183.00**
HGR25017	1-9/16	40	1	**$183.00**
HGR25018	1-5/8	41	1	**$183.00**
HGR26104	1-11/16	43	1	**$183.00**
HGR26107	1-3/4	44	1	**$226.00**
HGR25021	-	45	1	**$226.00**
HGR25022	1-13/16	46	1	**$226.00**
HGR25023	1 - 7/ 8	48	1	**$226.00**
HGR25024	-	50	1	**$226.00**
HGR25025	2	51	1	**$226.00**
HGR25026	2-1/16	52	1	**$280.00**
HGR25027	2-1/8	54	1	**$280.00**
HGR25028	-	55	1	**$280.00**

Clave	Diámetro pulg	mm	Empaque	Precio Unitario
HGR25029	2-1/4	57	1	**$280.00**
HGR25030	2-5/16	59	1	**$280.00**
HGR25031	2-3/8	60	1	**$280.00**
HGR25032	2-1/2	64	1	**$300.00**
HGR25033	2-9/16	65	1	**$300.00**
HGR26111	2-5/8	67	1	**$300.00**
HGR25035	-	68	1	**$300.00**
HGR25036	2-3/4	70	1	**$300.00**
HGR25037	2 -7/ 8	73	1	**$300.00**
HGR25038	-	75	1	**$309.00**
HGR25039	3	76	1	**$309.00**
HGR25040	3-1/8	79	1	**$314.00**
HGR26115	3-1/4	83	1	**$334.00**
HGR25042	3-3/8	86	1	**$346.00**
HGR25043	3-1/2	89	1	**$360.00**
HGR25044	3-5/8	92	1	**$374.00**
HGR25045	3-3/4	95	1	**$428.00**
HGR25046	3 - 7/8	98	1	**$451.00**
HGR25047	-	100	1	**$470.00**
HGR25048	4	102	1	**$470.00**
HGR25049	4-1/8	105	1	**$514.00**
HGR25050	4-1/4	108	1	**$669.00**
HGR25051	4-3/8	111	1	**$798.00**
HGR25052	4-1/2	114	1	**$926.00**
HGR26119	4-3/4	121	1	**$1,029.00**
HGR25054	5	127	1	**$1,140.00**
HGR25055	5-1/2	140	1	**$1,361.00**
HGR25056	5-3/4	146	1	**$1,478.00**
HGR25057	6	152	1	**$1,594.00**

Juego Sierra Copa Bimetálica

Clave	Juego	Piezas por empaque	Precio Unitario
*HGRK01	Juego de 7 Pzas. Mantenimiento	Incluye un mandril y un adaptador 5 Sierras Copa: 7/8, 1”, 1-1/8,1-1/4, 1-1/2	**$1,371.49**
*HGRK02	Juego de 9 Pzas. Cerrajero	Incluye dos mandriles y un adaptador 6 Sierras Copa: 7/8, 1”, 1-1/4, 1-1/2, 1-3/4, 2-1/8	**$1,780.00**

Mandril

HGR17965

HGR17970

HGR17967

Clave	Rango	Zanco	Empaque	Precio Unitario
HGR17965	9/16 a 1-3/16	1/4 Redondo	1	**$279.00**
HGR17967	9/16 a 1-3/16	3/8 Hexagonal	1	**$286.00**
HGR17970	1-1/4 a 6	7/16 Hexagonal QC	1	**$404.00**