



IZAR[®]
CUTTING TOOLS



TOLEDO[®]

JUNIO 2017

BROCA HSS MANGO CILÍNDRICO AGUZADA 118°



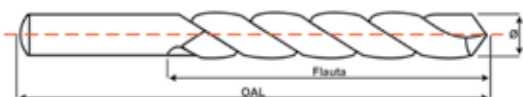
Presentación Comercial en Blíster

Clave	Ø	Flauta	AOL	Empaque	Precio por Empaque
HZR37792	3/64	3/4	1.3/4	2	* \$41.20
HZR37794	1/16	7/8	1.7/8	2	* \$44.60
HZR37795	5/64	1	2	2	* \$41.20
HZR37796	3/32	1.1/4	2.1/4	2	* \$40.50
HZR37797	7/64	1.1/2	2.5/8	2	* \$48.00
HZR37798	1/8	1.5/8	2.3/4	2	* \$45.90
HZR37799	9/64	1.3/4	2.7/8	2	* \$53.40
HZR37800	5/32	2	3.1/8	2	* \$55.40
HZR37801	11/64	2.1/8	3.1/4	1	\$31.10
HZR37802	3/16	2.5/16	3.1/2	1	\$31.80
HZR37803	13/64	2.7/16	3.5/8	1	\$37.80
HZR37804	7/32	2.1/2	3.3/4	1	\$42.60
HZR37805	15/64	2.5/8	3.7/8	1	\$47.30
HZR37806	1/4	2.3/4	4	1	\$47.30
HZR37807	17/64	2.7/8	4.1/8	1	\$60.80
HZR37808	9/32	2.15/16	4.1/4	1	\$64.20
HZR37810	5/16	3.3/16	4.1/2	1	\$78.40
HZR37814	3/8	3.5/8	5	1	\$108.10
HZR37818	7/16	4.1/16	5.1/2	1	\$145.30
HZR37822	1/2	4.1/2	6	1	\$204.10

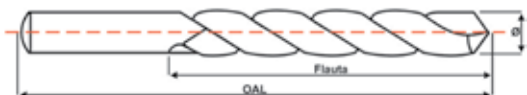
* El precio es por Blíster de 2 piezas y se ordena por empaque de 2 pz

Presentación Industrial en Estuche

Clave	Ø	Flauta	AOL	Empaque	Precio por Pieza
HZR37983	1/32	1/2	1.3/8	10	\$21.60
HZR37738	3/64	3/4	1.3/4	10	\$18.20
HZR37739	1/16	7/8	1.7/8	10	\$19.60
HZR37740	5/64	1	2	10	\$18.20
HZR37741	3/32	1.1/4	2.1/4	10	\$17.60
HZR37742	7/64	1.1/2	2.5/8	10	\$21.60
HZR37743	1/8	1.5/8	2.3/4	10	\$20.30
HZR37744	9/64	1.3/4	2.7/8	10	\$24.30
HZR37745	5/32	2	3.1/8	10	\$25.70
HZR37746	11/64	2.1/8	3.1/4	10	\$28.40
HZR37747	3/16	2.5/16	3.1/2	10	\$29.10
HZR37748	13/64	2.7/16	3.5/8	10	\$33.80
HZR37749	7/32	2.1/2	3.3/4	10	\$38.50
HZR37750	15/64	2.5/8	3.7/8	10	\$43.20
HZR37751	1/4	2.3/4	4	10	\$43.20
HZR37752	17/64	2.7/8	4.1/8	10	\$58.10
HZR37753	9/32	2.15/16	4.1/4	10	\$60.10
HZR37754	19/64	3.1/16	4.3/8	10	\$69.60
HZR37755	5/16	3.3/16	4.1/2	10	\$73.60
HZR37756	21/64	3.5/16	4.5/8	10	\$85.10
HZR37757	11/32	3.7/16	4.3/4	10	\$91.20
HZR37758	23/64	3.1/2	4.7/8	10	\$94.60
HZR37759	3/8	3.5/8	5	10	\$102.00
HZR37760	25/64	3.3/4	5.1/8	10	\$112.80
HZR37761	13/32	3.7/8	5.1/4	5	\$123.60
HZR37762	27/64	3.15/16	5.3/8	5	\$131.10
HZR37763	7/16	4.1/16	5.1/2	5	\$141.90
HZR37764	29/64	4.3/16	5.5/8	5	\$153.40
HZR37765	15/32	4.5/16	5.3/4	5	\$164.20
HZR37766	31/64	4.3/8	5.7/8	5	\$183.10
HZR37767	1/2	4.1/2	6	5	\$198.00



BROCA HSS MANGO REBAJADO (1/2") 118°



Presentación Comercial en Blíster

Clave	Ø	Flauta	AOL	Empaque	Precio por Pieza
HZR37719	17/32	3	6	1	\$416.90
HZR37721	9/16	3	6	1	\$437.20
HZR37725	5/8	3	6	1	\$501.40
HZR37726	21/32	3	6	1	\$541.20
HZR37727	11/16	3	6	1	\$660.80
HZR37729	3/4	3	6	1	\$806.80
HZR37731	13/16	3	6	1	\$863.50
HZR37733	7/8	3	6	1	\$990.50
HZR37737	1"	3	6	1	\$1,162.80

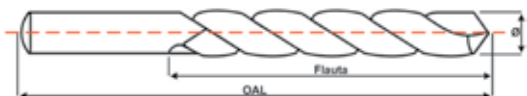
BROCA DE CENTRAR HSS 60°



Presentación Industrial en Estuche

Clave	Ø	Cuerpo	Broca	AOL	Empaque	Precio por Pieza
HZR37975	NR-1	1/8	3/64	1.1/4	1	\$129.70
HZR37976	NR-2	3/16	5/64	1.7/8	1	\$127.00
HZR37977	NR-3	1/4	7/64	2	1	\$127.00
HZR37978	NR-4	5/16	1/8	2.1/8	1	\$122.30
HZR37979	NR-5	7/16	3/16	2.3/4	1	\$218.90
HZR37980	NR-6	1/2	7/32	3	1	\$335.80

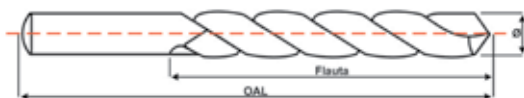
BROCA HSSE MANGO CILÍNDRICO AGUZADA 135° PARA MATERIALES DUROS



Clave	Ø	Flauta	AOL	Empaque	Precio por Empaque
HZR37646	3/32	1.1/4	2.1/4	2	* \$62.80
HZR37648	1/8	1.5/8	2.3/4	2	* \$81.10
HZR37650	5/32	2	3.1/8	2	* \$92.60
HZR37652	3/16	2.5/16	3.1/2	1	\$54.10
HZR37654	7/32	2.1/2	3.3/4	1	\$70.30
HZR37656	1/4	2.3/4	4	1	\$76.40
HZR37662	5/16	3.3/16	4.1/2	1	\$118.90
HZR37667	3/8	3.5/8	5	1	\$165.50
HZR37671	7/16	4.1/16	5.1/2	1	\$215.50
HZR37675	1/2	4.1/2	6	1	\$270.90

* El precio es por Blíster de 2 piezas y se ordena por empaque de 2 pz

BROCA AUTOCENTRANTE MANGO CILÍNDRICO HSSE 5% CO. SERIE CORTA - PARA ACERO INOXIDABLE



Presentación Industrial en Estuche



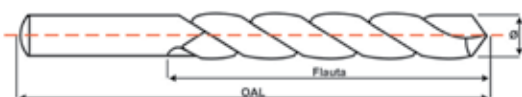
Clave	Ø	Flauta	AOL	Empaque	Precio por Empaque
HZR37692	3/32	1.1/4	2.1/4	2	* \$81.80
HZR37694	1/8	1.5/8	2.3/4	2	* \$106.80
HZR37696	5/32	2	3.1/8	2	* \$116.20
HZR37698	3/16	2.5/16	3.1/2	1	\$68.90
HZR37700	7/32	2.1/2	3.3/4	1	\$88.50
HZR37702	1/4	2.3/4	4	1	\$98.00
HZR37706	5/16	3.3/16	4.1/2	1	\$146.60
HZR37710	3/8	3.5/8	5	1	\$197.30
HZR37714	7/16	4.1/16	5.1/2	1	\$252.00
HZR37718	1/2	4.1/2	6	1	\$275.70

* El precio es por Blíster de 2 piezas y se ordena por empaque de 2 pz

BROCA HSS MÉTRICA MANGO CILÍNDRICO 118°



Presentación Comercial en Blíster



Clave	Ø	L Total	L Corte	Empaque	Precio por Empaque
HZR37896	1.00 mm	34	12	2	* \$58.10
HZR37898	2.00 mm	49	24	2	* \$41.20
HZR37899	2.50 mm	57	30	2	* \$45.30
HZR37900	3.00 mm	61	33	2	* \$41.20
HZR37901	3.25 mm	35	36	2	* \$46.60
HZR37903	3.50 mm	70	39	2	* \$45.90
HZR37904	4.00 mm	75	43	2	* \$52.70
HZR37906	4.25 mm	75	43	1	\$29.10
HZR37907	4.50 mm	80	47	1	\$29.70
HZR37908	5.00 mm	86	52	1	\$31.80
HZR18594	5.50 mm	93	57	1	\$42.60
HZR37910	6.00 mm	93	57	1	\$43.90
HZR18597	6.50 mm	101	63	1	\$50.00
HZR37913	7.00 mm	109	69	1	\$59.50
HZR18646	7.50 mm	109	69	1	\$62.20
HZR37915	8.00 mm	117	75	1	\$72.30
HZR18657	8.50 mm	117	75	1	\$78.40
HZR18666	9.00 mm	125	81	1	\$94.60
HZR37918	10.00 mm	133	87	1	\$108.10
HZR30158	11.00 mm	142	94	1	\$156.80
HZR18676	12.00 mm	151	101	1	\$187.20
HZR30159	13.00 mm	151	101	1	\$212.20

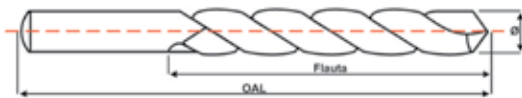
* El precio es por Blíster de 2 piezas y se ordena por empaque de 2 pz

Herramienta de Corte CALIDAD INDUSTRIAL

BROCA HSS MÉTRICA SERIE LARGA DIN340N

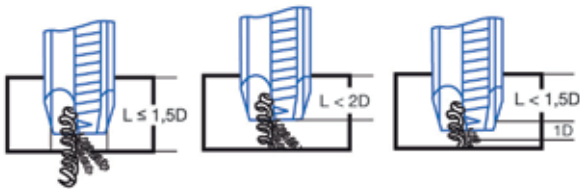
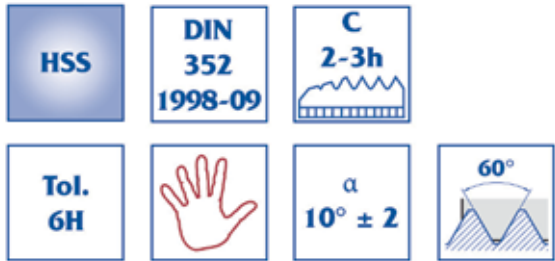
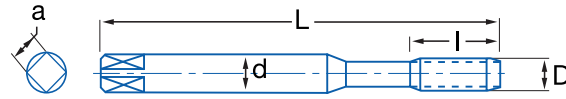


Presentación Comercial en Blíster



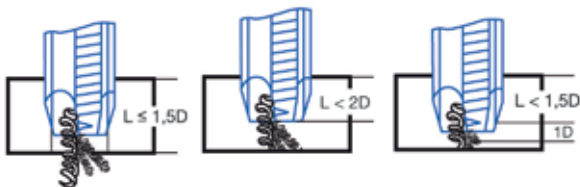
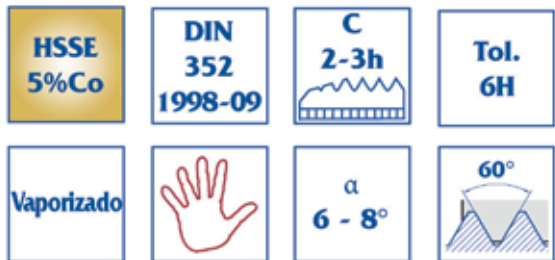
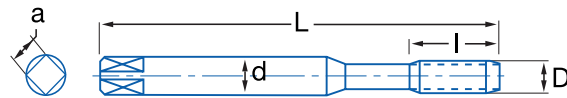
Clave	Ø	L Total	L Corte	Empaque	Precio por Empaque
HZR10572	2,00 mm	85	56	1	\$65.10
HZR10573	2,50 mm	95	62	1	\$71.40
HZR10581	3,00 mm	100	66	1	\$66.40
HZR10582	3,25 mm	106	69	1	\$73.70
HZR10584	3,50 mm	112	73	1	\$67.30
HZR10585	4,00 mm	119	78	1	\$73.10
HZR10591	4,25 mm	119	78	1	\$95.40
HZR10593	4,50 mm	126	82	1	\$86.70
HZR10596	5,00 mm	132	87	1	\$93.10
HZR10599	5,50 mm	139	91	1	\$123.40
HZR10602	6,00 mm	139	91	1	\$114.50
HZR10605	6,50 mm	148	97	1	\$140.70
HZR10608	7,00 mm	156	102	1	\$164.60
HZR10611	7,50 mm	156	102	1	\$174.90
HZR10614	8,00 mm	165	109	1	\$195.70
HZR10617	8,50 mm	165	109	1	\$216.60
HZR10620	9,00 mm	175	115	1	\$235.20
HZR10623	10,00 mm	184	121	1	\$250.20
HZR10629	11,00 mm	195	128	1	\$375.80
HZR10632	12,00 mm	205	134	1	\$428.40
HZR10635	13,00 mm	205	134	1	\$512.30

N JUEGO DE 3 MACHUELOS MANUALES HSS ACERO DE ALTA VELOCIDAD MÉTRICOS DIN352



Clave	Ø	L mm	l mm	d mm	a mm	E	Precio por Empaque
HZR62531	02,00 x 0,40	36	8	2,80	2,10	3	\$671.40
HZR62534	02,50 x 0,45	40	9	2,80	2,10	3	\$671.40
HZR62537	03,00 x 0,50	40	11	3,50	2,70	3	\$380.30
HZR62540	03,50 x 0,60	45	13	4,00	3,00	3	\$447.50
HZR62543	04,00 x 0,70	45	13	4,50	3,40	3	\$380.30
HZR62546	04,50 x 0,75	50	16	6,00	4,90	3	\$671.40
HZR62549	05,00 x 0,80	50	16	6,00	4,90	3	\$403.00
HZR62552	06,00 x 1,00	56	19	6,00	4,90	3	\$403.00
HZR62555	07,00 x 1,00	56	19	6,00	4,90	3	\$492.20
HZR62561	08,00 x 1,25	56	22	6,00	4,90	3	\$492.20
HZR62567	09,00 x 1,25	63	22	7,00	5,50	3	\$805.60
HZR62573	10,00 x 1,50	70	24	7,00	5,50	3	\$604.90
HZR62576	11,00 x 1,50	70	24	8,00	6,20	3	\$1,007.20
HZR62579	12,00 x 1,75	75	28	9,00	7,00	3	\$850.30
HZR62582	13,00 x 1,75	75	28	9,00	7,00	3	\$1,543.90
HZR62585	14,00 x 2,00	80	30	11,00	9,00	3	\$940.20
HZR62588	15,00 x 2,00	80	32	12,00	9,00	3	\$1,879.70
HZR62591	16,00 x 2,00	80	32	12,00	9,00	3	\$1,334.10
HZR62594	18,00 x 2,50	95	34	14,00	11,00	3	\$1,768.00
HZR62597	20,00 x 2,50	95	34	16,00	12,00	3	\$1,991.90
HZR62603	22,00 x 2,50	100	34	18,00	14,50	3	\$2,663.50
HZR62606	24,00 x 3,00	110	38	18,00	14,50	3	\$3,121.70

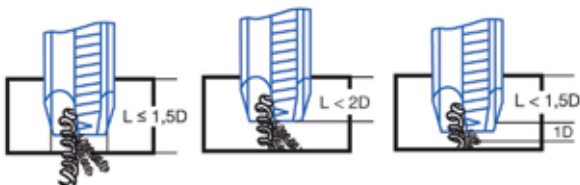
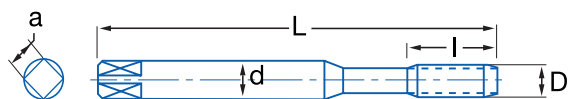
N JUEGO DE 3 MACHUELOS MANUALES HSS ACERO DE ALTA VELOCIDAD CON 5% DE ACERO DE COBALTO PARA INOX



Clave	Ø	L mm	l mm	d mm	a mm	E	Precio por Empaque
HZR16404	03,00 x 0,50	40	11	3,50	2,70	3	\$702.50
HZR16405	04,00 x 0,70	45	13	4,50	3,40	3	\$702.50
HZR16406	05,00 x 0,80	50	16	6,00	4,90	3	\$731.40
HZR16407	06,00 x 1,00	56	19	6,00	4,90	3	\$731.40
HZR16408	08,00 x 1,25	63	22	6,00	4,90	3	\$849.50
HZR16409	10,00 x 1,50	70	24	7,00	5,50	3	\$1,092.70
HZR16410	12,00 x 1,75	75	29	9,00	7,00	3	\$1,563.90
HZR16411	14,00 x 2,00	80	30	11,00	9,00	3	\$1,732.00
HZR16412	16,00 x 2,00	80	32	12,00	9,00	3	\$2,373.40
HZR16413	18,00 x 2,50	95	40	14,00	11,00	3	\$3,242.00
HZR16414	20,00 x 2,50	95	40	16,00	12,00	3	\$3,599.30

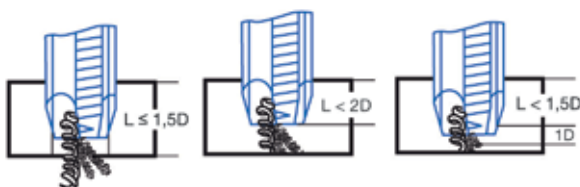
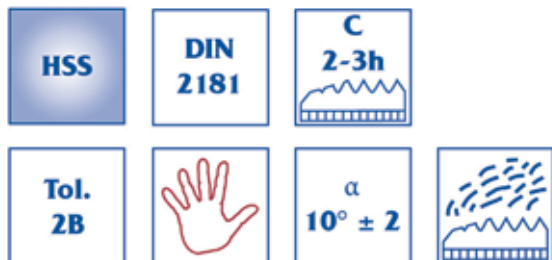
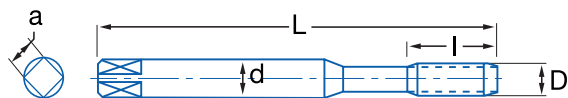
Herramienta de Corte CALIDAD INDUSTRIAL

N JUEGO DE 3 MACHUELOS MANUALES HSS ACERO DE ALTA VELOCIDAD DIN352 NORMA UNC



Clave	Ø	L mm	l mm	d mm	a mm	E	Precio por Empaque
HZR75594	No5 x 40	40	12	3,50	2,40	3	\$698.20
HZR75596	No6 x 32	45	14	4,00	3,00	3	\$698.20
HZR75597	No8 x 32	45	14	4,50	3,40	3	\$698.20
HZR75598	No10 x 24	50	16	6,00	4,90	3	\$698.20
HZR75599	No12 x 24	50	18	6,00	4,90	3	\$698.20
HZR62732	1/4 x 20	56	19	6,00	4,90	3	\$698.20
HZR62744	5/16 x 18	56	22	6,00	4,90	3	\$754.30
HZR62738	3/8 x 16	63	24	7,00	5,50	3	\$851.70
HZR62750	7/16 x 14	70	24	8,00	6,20	3	\$1,110.40
HZR75115	1/2 x 13	75	29	9,00	7,00	3	\$1,277.50
HZR62753	9/16 x 12	80	30	11,00	9,00	3	\$1,508.60
HZR62741	5/8 x 11	80	32	12,00	9,00	3	\$2,080.60
HZR62735	3/4 x 10	95	40	14,00	11,00	3	\$2,832.10
HZR62747	7/8 x 09	100	40	18,00	14,50	3	\$3,489.10
HZR62756	1 x 8	110	50	18,00	14,50	3	\$4,712.00

N JUEGO DE 2 MACHUELOS MANUALES HSS ACERO DE ALTA VELOCIDAD DIN2181 NORMA UNF



Clave	Ø	L mm	l mm	d mm	a mm	E	Precio por Empaque
HZR75601	No5 x 44	36	11	3,50	2,70	3	\$610.60
HZR75602	No6 x 40	40	12	4,00	3,00	3	\$585.30
HZR75603	No8 x 36	40	12	4,50	3,40	3	\$585.30
HZR75604	No10 x 32	45	14	6,00	4,90	3	\$585.30
HZR75605	No12 x 28	50	14	6,00	4,90	3	\$610.60
HZR62462	1/4 x 28	50	18	6,00	4,90	3	\$491.00
HZR62477	5/16 x 24	56	22	6,00	4,90	3	\$536.50
HZR62471	3/8 x 24	63	22	7,00	5,50	3	\$607.20
HZR62483	7/16 x 20	63	22	8,00	6,20	3	\$806.40
HZR62459	1/2 x 20	75	24	9,00	7,00	3	\$823.80
HZR62486	9/16 x 18	80	28	11,00	9,00	3	\$1,074.20
HZR62474	5/8 x 18	80	28	12,00	9,00	3	\$1,387.10
HZR62465	3/4 x 16	95	32	14,00	11,00	3	\$1,864.60
HZR62480	7/8 x 14	100	32	18,00	14,50	3	\$2,395.20
HZR62489	1" x 12	110	40	18,00	14,50	3	\$3,176.70



FRESAS FRONTALES CORTAS HSS NZ



**57000-
130000
psi**

Clave	Ø	Empaque	Precio por Empaque
HZR55991	1/8 x 3/8	1	\$262.80
HZR56003	3/16 x 3/8	1	\$262.80
HZR42681	7/32 x 3/8	1	\$262.80
HZR56015	1/4 x 3/8	1	\$262.80
HZR42208	9/32 x 3/8	1	\$254.10
HZR56027	5/16 x 3/8	1	\$254.10
HZR56039	3/8 x 3/8	1	\$254.10
HZR42695	13/32 x 3/8	1	\$366.90
HZR42210	7/16 x 3/8	1	\$366.90
HZR56066	1/2 x 1/2	1	\$366.90
HZR56069	9/16 x 1/2	1	\$447.30
HZR56075	5/8 x 5/8	1	\$561.50
HZR56081	11/16 x 5/8	1	\$683.80
HZR56090	3/4 x 3/4	1	\$716.20
HZR56096	13/16 x 3/4	1	\$858.10
HZR56105	7/8 x 3/4	1	\$879.10
HZR56120	1 x 3/4	1	\$1,043.20

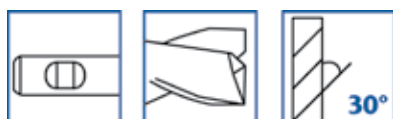
FRESAS FRONTALES HSS 2Z



**57000-
130000
psi**

Clave	Ø	Empaque	Precio por Empaque
HZR51923	1/8 x 3/8	1	\$227.70
HZR51935	3/16 x 3/8	1	\$243.20
HZR51950	5/16 x 3/8	1	\$227.70
HZR51956	3/8 x 3/8	1	\$305.40
HZR41979	7/16 x 3/8	1	\$319.60
HZR51971	1/2 x 1/2	1	\$305.40
HZR41986	9/16 x 1/2	1	\$464.90
HZR51983	5/8 x 5/8	1	\$523.60
HZR51998	3/4 x 3/4	1	\$707.40

FRESAS FRONTALES DESBASTE FINO NZ



**130000
175000
psi**

Fundición

**Cobre
Bronce
(Latón)**

Clave	Ø	Empaque	Precio por Empaque
HZR42409	1/4 x 3/8	1	\$608.80
HZR42410	5/16 x 3/8	1	\$608.80
HZR42411	3/8 x 3/8	1	\$608.80
HZR42412	7/16 x 3/8	1	\$862.80
HZR42413	1/2 x 1/2	1	\$862.80
HZR42416	3/4 x 3/4	1	\$1,318.90
HZR42327	1 x 1	1	\$2,060.10