



# ***PERFORACIÓN***



**Sierratas Bimetálica Acero M42**

Usada para hacer orificios en piezas de trabajo

Para usarse en taladro con utilizando un mandril para sierratas



Código	Diámetro (pulgadas)	Diámetro (mm)
SGT-2080	9/16"	14
SGT-2090	5/8"	16
SGT-2100	11/16"	17
SGT-2110	3/4"	19
SGT-2115	23/32"	20
SGT-2120	13/16"	21
SGT-2130	7/8"	22
SGT-2140	15/16"	24
SGT-2150	1"	25
SGT-2160	1-1/16"	27
SGT-2170	1-1/8"	29
SGT-2180	1-3/16"	30
SGT-2190	1-1/4"	32
SGT-2200	1-5/16"	33
SGT-2210	1-3/8"	35
SGT-2220	1-7/16"	37
SGT-2230	1-1/2"	38
SGT-2240	1-9/16"	40
SGT-2250	1-5/8"	41
SGT-2260	1-11/16"	43
SGT-2270	1-3/4"	44
SGT-2275	1.77"	45
SGT-2280	1-7/8"	48
SGT-2285	1.97"	50
SGT-2290	2"	51
SGT-2300	2-1/16"	52
SGT-2310	2-1/8"	54
SGT-2320	2-1/4"	57
SGT-2330	2-5/16"	59
SGT-2340	2-3/8"	60
SGT-2350	2-1/2"	64
SGT-2355	2-9/16"	65
SGT-2360	2-5/8"	67
SGT-2370	2-3/4"	70
SGT-2380	2-7/8"	73
SGT-2390	3"	76
SGT-2400	3-1/8"	79
SGT-2410	3-1/4"	83
SGT-2420	3-3/8"	86
SGT-2430	3-1/2"	89
SGT-2440	3-3/4"	95
SGT-2450	4"	102
SGT-2460	4-1/4"	108
SGT-2470	4-1/2"	114
SGT-2480	4-3/4"	121
SGT-2490	5"	127
SGT-2500	5-1/2"	140
SGT-2510	6"	152



**Broca para Concreto SDS Plus**

Compatible SDS plus

Punta autocentrante permite una penetración precisa

Ángulo de punta 160°

Flauta cuadrada

Efecto de cincelado para romper concreto

Rápida perforación



**Broca para Concreto SDS Plus**

Compatible SDS plus



Código	Diámetro	Largo
ST-5-151-050	1/4"	4"
ST-5-151-100	1/4"	6"
ST-5-151-150	1/4"	13"
ST-5-151-200	5/16"	6"
ST-5-151-250	5/16"	13"
ST-5-151-300	3/8"	6"
ST-5-151-350	3/8"	13"
ST-5-151-400	1/2"	6"
ST-5-151-450	1/2"	13"
ST-5-151-500	5/8"	6"
ST-5-151-550	5/8"	13"
ST-5-151-600	3/4"	6"
ST-5-151-650	3/4"	13"
ST-5-151-700	1"	6"
ST-5-151-750	1"	13"

PERFORACIÓN

**Broca 6 Cortes SDS MAX**

Compatible SDS MAX

Punta de carburo monobloc con punta autocentrante

Ángulo de punta 135°

6 aristas de corte

Flauta cuadrada

Para usarse en hormigón armado, ladrillo, hormigón y bloque



**Broca 3 Cortes SDS Plus**

Compatible SDS plus

Punta autocentrante permite una penetración precisa

Efecto de cincelado para romper concreto

Rápida perforación



Código	Diámetro	Largo	Largo de corte
ST-5-148-500	1/4"	6"	4"
ST-5-148-520	1/4"	12"	10"
ST-5-148-540	5/16"	6"	4"
ST-5-148-560	5/16"	12"	10"
ST-5-148-580	3/8"	6"	4"
ST-5-148-600	3/8"	12"	10"
ST-5-148-620	1/2"	6"	4"
ST-5-148-640	1/2"	12"	10"
ST-5-148-660	5/8"	6"	4"
ST-5-148-680	5/8"	12"	10"
ST-5-148-700	3/4"	12"	10"

Código	Diámetro	Largo	Largo de corte
ST-5-148-920	5/8"	13"	8"
ST-5-148-925	5/8"	21"	16"
ST-5-148-930	3/4"	13"	8"
ST-5-148-935	3/4"	21"	16"
ST-5-148-940	7/8"	13"	8"
ST-5-148-945	7/8"	21"	16"
ST-5-148-950	1"	13"	8"
ST-5-148-955	1"	21"	16"

**Broca para Concreto**

Alto rendimiento  
Zanco recto



**Mandril para Sierratas**

Usados para adaptar las sierratas al taladro perforando primero el centro del orificio que cortará la sierratas



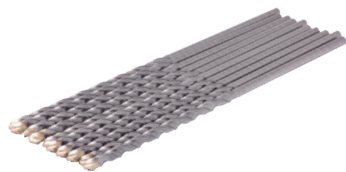
Código	Medida	Para sierratas de
SGT-3000	1/4"	9/16" a 1-3/16"
SGT-3010	3/8"	9/16" a 1-3/16"
SGT-3020	3/8"	1-1/4" a 8-17/64"
SGT-3030	7/16"	1-1/4" a 8-17/64"



Código	Diámetro	Largo	Zanco
ST-5-150-10000	1/8"	3"	1/8"
ST-5-150-10002	5/32"	3"	5/32"
ST-5-150-10004	3/16"	3"	3/16"
ST-5-150-10005	3/16"	4"	3/16"
ST-5-150-10010	1/4"	4"	1/4"
ST-5-150-10020	1/4"	6"	1/4"
ST-5-150-10030	1/4"	12"	1/4"
ST-5-150-10040	5/16"	4"	5/16"
ST-5-150-10050	5/16"	6"	5/16"
ST-5-150-10060	5/16"	12"	5/16"
ST-5-150-10070	3/8"	4"	3/8"
ST-5-150-10080	7/16"	6"	3/8"

Código	Diámetro	Largo	Zanco
ST-5-150-10090	3/8"	6"	3/8"
ST-5-150-10100	3/8"	12"	3/8"
ST-5-150-10110	1/2"	4"	3/8"
ST-5-150-10120	1/2"	6"	3/8"
ST-5-150-10130	1/2"	12"	3/8"
ST-5-150-10140	5/8"	6"	1/2"
ST-5-150-10145	5/8"	12"	1/2"
ST-5-150-10150	3/4"	6"	1/2"
ST-5-150-10155	3/4"	12"	1/2"
ST-5-150-10160	7/8"	6"	1/2"
ST-5-150-10165	7/8"	12"	1/2"
ST-5-150-10170	1"	6"	1/2"
ST-5-150-10185	1"	12"	1/2"

Broca para Concreto



Código	Diámetro	Largo	Largo de corte
ST-5-148-001	1/8"	3"	3/4"
ST-5-148-010	5/32"	3"	1-3/8"
ST-5-148-020	3/16"	4"	1-3/4"
ST-5-148-030	1/4"	4"	2-3/8"
ST-5-148-040	1/4"	6"	4-3/8"
ST-5-148-050	1/4"	12"	10"
ST-5-148-060	5/16"	4"	3-3/16"
ST-5-148-070	5/16"	6"	4-3/8"
ST-5-148-080	5/16"	12"	10"
ST-5-148-090	3/8"	4"	3-3/16"
ST-5-148-100	3/8"	6"	4-3/8"
ST-5-148-110	3/8"	12"	10"
ST-5-148-120	1/2"	6"	4-3/8"
ST-5-148-130	1/2"	12"	10"
ST-5-148-140	5/8"	6"	4-3/8"
ST-5-148-150	5/8"	12"	10"
ST-5-148-160	3/4"	6"	4-3/8"
ST-5-148-170	3/4"	12"	10"
ST-5-148-180	7/8"	6"	4-3/4"
ST-5-148-190	7/8"	12"	10"
ST-5-148-200	1"	6"	4-3/4"
ST-5-148-210	1"	12"	10"

Broca AAV Punta de Carburo

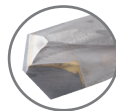
Medida zanco: 1/2" (12,7 mm)  
Punta de carburo de tungsteno y zanco de acero alta velocidad  
Ángulo de punta 118°  
Corte a la derecha

Zanco reducido

Para uso en materiales no ferrosos (cobre, aluminio, estaño, níquel, etc)

Para uso en materiales no metálicos: (madera, plásticos duros, cerámica, etc)

No utilizarse en acero inoxidable



Punta de carburo

Código	Medida
ST-5-149-10200	1/8"
ST-5-149-10210	9/64"
ST-5-149-10220	5/32"
ST-5-149-10230	3/16"
ST-5-149-10240	13/64"
ST-5-149-10250	7/32"
ST-5-149-10260	1/4"
ST-5-149-10270	9/32"
ST-5-149-10280	5/16"
ST-5-149-10290	11/32"
ST-5-149-10300	3/8"
ST-5-149-10310	7/16"
ST-5-149-10320	1/2"



Broca Recta AAV



Acabado óxido negro  
Ángulo de punta 118°  
Para perforar acero, madera y plástico  
Cuerpo de acero alta velocidad



ACERO A. V.

Código	Diámetro	Largo	Largo de corte
ST-5-154-020	1/16"	1-7/8"	7/8"
ST-5-154-025	5/64"	2"	1"
ST-5-154-030	3/32"	2-1/4"	1-1/4"
ST-5-154-035	7/64"	2-5/8"	1-1/2"
ST-5-154-040	1/8"	2-3/4"	1-5/8"
ST-5-154-045	9/64"	2-7/8"	1-3/4"
ST-5-154-050	5/32"	3-1/8"	2"
ST-5-154-055	11/64"	3-1/4"	2-1/8"
ST-5-154-060	3/16"	3-1/2"	2-5/16"
ST-5-154-065	13/64"	3-5/8"	2-7/16"
ST-5-154-070	7/32"	3-3/4"	2-1/2"
ST-5-154-075	15/64"	3-7/8"	2-5/8"
ST-5-154-080	1/4"	4"	2-3/4"
ST-5-154-085	17/64"	4-1/8"	2-7/8"
ST-5-154-090	9/32"	4-1/4"	2-15/16"
ST-5-154-095	19/64"	4-3/8"	3-1/16"
ST-5-154-100	5/16"	4-1/2"	3-3/16"
ST-5-154-105	21/64"	4-5/8"	3-5/16"
ST-5-154-110	11/32"	4-3/4"	3-7/16"
ST-5-154-115	23/64"	4-7/8"	3-1/2"
ST-5-154-120	3/8"	5"	3-5/8"
ST-5-154-125	25/64"	5-1/8"	3-3/4"
ST-5-154-130	13/32"	5-1/4"	3-7/8"
ST-5-154-135	27/64"	5-3/8"	3-15/16"
ST-5-154-140	7/16"	5-1/2"	4-1/16"
ST-5-154-145	29/64"	5-5/8"	4-3/16"
ST-5-154-150	15/32"	5-3/4"	4-5/16"
ST-5-154-155	31/64"	5-7/8"	4-3/8"
ST-5-154-160	1/2"	6"	4-1/2"

Broca Carburo Sólido Fraccional



Grano de carburo sub-micrónico sólido C-2 grado premium con 10% Cobalto

Sin recubrimiento

Corte a la derecha

Zanco recto

Punta en ángulo de 118°

Tolerancia de diámetro: +0.0000/-0.0005

Recomendada para: aleaciones no ferrosas, hierro fundido, plásticos, aluminio y materiales altamente abrasivos



CARBURO SÓLIDO

Código	Diámetro	Largo de corte	Largo total
ST-1-160-005	1/64"	3/16"	1-1/4"
ST-1-160-010	1/32"	5/16"	1-1/4"
ST-1-160-015	3/64"	3/4"	1-1/2"
ST-1-160-020	1/16"	3/4"	1-1/2"
ST-1-160-025	5/64"	7/8"	1-3/4"
ST-1-160-030	3/32"	1"	2"
ST-1-160-035	7/64"	1-1/4"	2-1/4"
ST-1-160-040	1/8"	1-1/4"	2-1/4"
ST-1-160-045	9/64"	1-3/8"	2-1/2"
ST-1-160-050	5/32"	1-3/8"	2-1/2"
ST-1-160-055	11/64"	1-5/8"	2-3/4"
ST-1-160-060	3/16"	1-5/8"	2-3/4"
ST-1-160-065	13/64"	1-3/4"	3"
ST-1-160-070	7/32"	1-3/4"	3"
ST-1-160-075	15/64"	2"	3-1/4"
ST-1-160-080	1/4"	2"	3-1/4"
ST-1-160-085	17/64"	2-1/8"	3-1/2"
ST-1-160-090	9/32"	2-1/8"	3-1/2"
ST-1-160-095	19/64"	2-3/8"	3-3/4"
ST-1-160-100	5/16"	2-3/8"	3-3/4"
ST-1-160-105	11/32"	2-1/2"	4"
ST-1-160-110	3/8"	2-3/4"	4-1/4"
ST-1-160-115	7/16"	2-7/8"	4-1/2"
ST-1-160-120	1/2"	3"	4-3/4"

Broca Carburo Sólido Milimétrica



Grano de carburo sub-micrónico sólido C-2 grado premium con 10% Cobalto

Sin recubrimiento

Corte a la derecha

Zanco recto

Punta en ángulo de 118°

Tolerancia de diámetro: +0.0000/-0.0005

Recomendada para: aleaciones no ferrosas, hierro fundido, plásticos, aluminio y materiales altamente abrasivos



CARBURO SÓLIDO

Código	Diámetro	Largo de corte	Largo total
ST-1-161-200	2.0mm	22mm	45mm
ST-1-161-205	2.5mm	25mm	51mm
ST-1-161-210	3.0 mm	32 mm	57 mm
ST-1-161-215	3.5 mm	35 mm	64 mm
ST-1-161-220	4.0 mm	35 mm	64 mm
ST-1-161-225	4.5 mm	41 mm	70 mm
ST-1-161-230	5.0 mm	45 mm	76 mm
ST-1-161-235	5.5 mm	45 mm	76 mm
ST-1-161-240	6.0 mm	51 mm	83 mm
ST-1-161-245	6.5 mm	51 mm	83 mm
ST-1-161-250	7.0 mm	54 mm	89 mm
ST-1-161-255	8.0 mm	60 mm	95 mm
ST-1-161-260	9.0 mm	64 mm	102 mm
ST-1-161-265	10.0 mm	73 mm	114 mm
ST-1-161-270	12.0 mm	76 mm	121 mm

Broca Recta Carburo Sólido Flauta Recta



Carburo sólido  
Flautas rectas

Zanco recto

Tamaño métrico

Corte a la derecha

Punta en ángulo de 140°

Fabricada con carburo sólido  
Ideal para metales endurecidos y abrasivos



CARBURO SÓLIDO

Código	Diámetro	Diámetro decimal	Largo de corte	Largo total
ST-1-160-300	3 mm	0.1181	7/8"	1 - 7/8"
ST-1-160-310	4 mm	0.1575	1 - 1/16"	2 - 1/8"
ST-1-160-320	5 mm	0.1969	1 - 3/16"	2 - 1/4"
ST-1-160-330	6 mm	0.2362	1 - 5/16"	2 - 7/16"
ST-1-160-340	8 mm	0.3150	1 - 5/8"	2 - 13/16"
ST-1-160-350	10 mm	0.3937	1 - 7/8"	3 - 1/4"
ST-1-160-360	12 mm	0.4724	2 - 1/8"	3 - 5/8"

PERFORACIÓN



### Broca Zanco Recto AAV M2 Numérica

Ángulo de punta 118°

Corte a la derecha

Zanco recto

Para perforar acero, madera y plástico

Presentación en sobre de 12 piezas



ACERO A. V.

Código	#	Diámetro decimal	Largo total	Largo de corte
ST-5-170-005	1	0.2280"	3-7/8"	2-5/8"
ST-5-170-010	2	0.2210"	3-7/8"	2-5/8"
ST-5-170-015	3	0.2130"	3-3/4"	2-1/2"
ST-5-170-020	4	0.2090"	3-3/4"	2-1/2"
ST-5-170-025	5	0.2055"	3-3/4"	2-1/2"
ST-5-170-030	6	0.2040"	3-3/4"	2-1/2"
ST-5-170-035	7	0.2010"	3-5/8"	2-7/16"
ST-5-170-040	8	0.1990"	3-5/8"	2-7/16"
ST-5-170-045	9	0.1960"	3-5/8"	2-7/16"
ST-5-170-050	10	0.1935"	3-5/8"	2-7/16"
ST-5-170-055	11	0.1910"	3-1/2"	2-5/16"
ST-5-170-060	12	0.1890"	3-1/2"	2-5/16"
ST-5-170-065	13	0.1850"	3-1/2"	2-5/16"
ST-5-170-070	14	0.1820"	3-3/8"	2-3/16"
ST-5-170-075	15	0.1800"	3-3/8"	2-3/16"
ST-5-170-080	16	0.1770"	3-3/8"	2-3/16"
ST-5-170-085	17	0.1730"	3-3/8"	2-3/16"
ST-5-170-090	18	0.1695"	3-1/4"	2-1/8"
ST-5-170-095	19	0.1660"	3-1/4"	2-1/8"
ST-5-170-100	20	0.1610"	3-1/4"	2-1/8"
ST-5-170-105	21	0.1590"	3-1/4"	2-1/8"
ST-5-170-110	22	0.1570"	3-1/8"	2"
ST-5-170-115	23	0.1540"	3-1/8"	2"
ST-5-170-120	24	0.1520"	3-1/8"	2"
ST-5-170-125	25	0.1495"	3"	1-7/8"
ST-5-170-130	26	0.1470"	3"	1-7/8"
ST-5-170-135	27	0.1440"	3"	1-7/8"
ST-5-170-140	28	0.1405"	2-7/8"	1-3/4"
ST-5-170-145	29	0.1360"	2-7/8"	1-3/4"
ST-5-170-150	30	0.1285"	2-3/4"	1-5/8"
ST-5-170-155	31	0.1200"	2-3/4"	1-5/8"
ST-5-170-160	32	0.1160"	2-3/4"	1-5/8"
ST-5-170-165	33	0.1130"	2-5/8"	1-1/2"
ST-5-170-170	34	0.1110"	2-5/8"	1-1/2"
ST-5-170-175	35	0.1100"	2-5/8"	1-1/2"
ST-5-170-180	36	0.1065"	2-1/2"	1-1/16"
ST-5-170-185	37	0.1040"	2-1/2"	1-7/16"
ST-5-170-190	38	0.1015"	2-1/2"	1-7/16"
ST-5-170-195	39	0.0995"	2-3/8"	1-3/8"
ST-5-170-200	40	0.0980"	2-3/8"	1-3/8"

Código	#	Diámetro decimal	Largo total	Largo de corte
ST-5-170-205	41	0.0960"	2-3/8"	1-3/8"
ST-5-170-210	42	0.0935"	2-1/4"	1-1/4"
ST-5-170-215	43	0.0890"	2-1/4"	1-1/4"
ST-5-170-220	44	0.0860"	2-1/8"	1-1/8"
ST-5-170-225	45	0.0820"	2-1/8"	1-1/8"
ST-5-170-230	46	0.0810"	2-1/8"	1-1/8"
ST-5-170-235	47	0.0785"	2"	1"
ST-5-170-240	48	0.0760"	2"	1"
ST-5-170-245	49	0.0730"	2"	1"
ST-5-170-250	50	0.0700"	2"	1"
ST-5-170-255	51	0.0760"	2"	1"
ST-5-170-260	52	0.0635"	1-7/8"	7/8"
ST-5-170-265	53	0.0595"	1-7/8"	7/8"
ST-5-170-270	54	0.0550"	1-7/8"	7/8"
ST-5-170-275	55	0.0520"	1-7/8"	7/8"
ST-5-170-280	56	0.0465"	1-3/4"	3/4"
ST-5-170-285	57	0.0430"	1-3/4"	3/4"
ST-5-170-290	58	0.0420"	1-5/8"	11/16"
ST-5-170-295	59	0.0410"	1-5/8"	11/16"
ST-5-170-300	60	0.0400"	1-5/8"	11/16"
ST-5-170-310	61	0.0390"	1-5/8"	11/16"
ST-5-170-320	62	0.0380"	1-1/2"	5/8"
ST-5-170-330	63	0.0370"	1-1/2"	5/8"
ST-5-170-340	64	0.0360"	1-1/2"	5/8"
ST-5-170-350	65	0.0350"	1-1/2"	5/8"
ST-5-170-360	66	0.0330"	1-3/8"	1/2"
ST-5-170-370	67	0.0320"	1-3/8"	1/2"
ST-5-170-380	68	0.0310"	1-3/8"	1/2"
ST-5-170-390	69	0.0292"	1-3/8"	1/2"
ST-5-170-400	70	0.0280"	1-1/4"	3/8"
ST-5-170-410	71	0.0260"	1-1/4"	3/8"
ST-5-170-420	72	0.0250"	1-1/8"	5/16"
ST-5-170-430	73	0.0240"	1-1/8"	5/16"
ST-5-170-440	74	0.0225"	1"	1/4"
ST-5-170-450	75	0.0210"	1"	1/4"
ST-5-170-460	76	0.0200"	7/8"	3/16"
ST-5-170-470	77	0.0180"	7/8"	3/16"
ST-5-170-480	78	0.0160"	7/8"	3/16"
ST-5-170-490	79	0.0145"	3/4"	1/8"
ST-5-170-500	80	0.0135"	3/4"	1/8"

### Broca Zanco Recto AAV M2 Alfabética

Ángulo de punta 118°

Corte a la derecha

Zanco recto

Para perforar acero, madera y plástico

Presentación en sobre de 12 piezas



ACERO A. V.

Código	Medida	Diámetro decimal	Largo total	Largo de corte
ST-5-180-005	A	0.2240"	3-7/8"	2-5/8"
ST-5-180-010	B	0.2380"	4"	2-3/4"
ST-5-180-015	C	0.2420"	4"	2-3/4"
ST-5-180-020	D	0.2460"	4"	2-3/4"
ST-5-180-025	E	0.2500"	4"	2-3/4"
ST-5-180-030	F	0.2570"	4-1/8"	2-7/8"
ST-5-180-035	G	0.2610"	4-1/8"	2-7/8"
ST-5-180-040	H	0.2660"	4-1/8"	2-7/8"
ST-5-180-045	I	0.2720"	4-1/8"	2-7/8"
ST-5-180-050	J	0.2770"	4-1/8"	2-7/8"
ST-5-180-055	K	0.2810"	4-1/4"	2-15/16"
ST-5-180-060	L	0.2900"	4-1/4"	2-15/16"
ST-5-180-065	M	0.2950"	4-3/8"	3-1/16"
ST-5-180-070	N	0.3020"	4-3/8"	3-1/16"
ST-5-180-075	O	0.3160"	4-1/2"	3-3/16"
ST-5-180-080	P	0.3230"	4-5/8"	3-5/16"
ST-5-180-085	Q	0.3320"	4-3/4"	3-7/16"
ST-5-180-090	R	0.3390"	4-3/4"	3-7/16"
ST-5-180-095	S	0.3480"	4-7/8"	3-1/2"
ST-5-180-100	T	0.3580"	4-7/8"	3-1/2"
ST-5-180-105	U	0.3680"	5"	3-5/8"
ST-5-180-110	V	0.3770"	5"	3-5/8"
ST-5-180-115	W	0.3860"	5-1/8"	3-3/4"
ST-5-180-120	X	0.3970"	5-1/8"	3-3/4"
ST-5-180-125	Y	0.4040"	5-1/4"	3-7/8"
ST-5-180-130	Z	0.4130"	5-1/4"	3-7/8"

PERFORACIÓN

### Juego de Brocas de AAV Fraccionales, Alfabéticas, Numéricas y Métricas

Incluye estuche

Fraccional: incremento en 64avos

Métrica: incremento en 0.5mm



ACERO A. V.

Código	Piezas	Tipo	Medidas
ST-5-159-001	115	Fraccional Alfabética Numérica	1/16" a 1/2" A a Z #1 a #60
ST-5-159-003	13	Fraccional	1/16" a 1/4"
ST-5-159-004	29	Fraccional	1/16" a 1/2"
ST-5-159-008	25	Métrica	1 a 13 mm
ST-5-170-525	60	Numérica	#1 a #60
ST-5-180-500	26	Alfabética	A a Z



### Juego de Brocas de Cobalto

Incluye estuche

Fraccional: incremento en 64avos

Métrica: incremento en 0.5mm



Co

Código	Piezas	Tipo	Medidas
ST-5-159-006	29	Fraccional	1/16" a 1/2"
ST-5-159-009	25	Métrica	1 a 13 mm



### Juego de Brocas con Recubrimiento de Titanio

Incluye estuche

Fraccional: incremento en 64avos



TiN

Código	Piezas	Tipo	Medidas
ST-5-159-007	29	Fraccional	1/16" a 1/2"



**Broca Zanco Reducido Fraccional**

Ángulo de punta 118°  
Corte a la derecha



ACERO A. V.  
TIN  
Co

A.A.V.	Titanio	Cobalto	Medida	Diámetro decimal	Largo total	Largo de corte	Zanco
ST-5-166-010			33/64"	0.5156"	6"	3"	1/2"
ST-5-166-015	ST-5-167-005	ST-5-167-300	17/32"	0.5312"	6"	3"	1/2"
ST-5-166-020	ST-5-167-010		35/64"	0.5469"	6"	3"	1/2"
ST-5-166-025	ST-5-167-015	ST-5-167-320	9/16"	0.5625"	6"	3"	1/2"
ST-5-166-030	ST-5-167-020		37/64"	0.5781"	6"	3"	1/2"
ST-5-166-035	ST-5-167-025	ST-5-167-340	19/32"	0.5938"	6"	3"	1/2"
ST-5-166-040	ST-5-167-030		39/64"	0.6094"	6"	3"	1/2"
ST-5-166-045	ST-5-167-035	ST-5-167-360	5/8"	0.6250"	6"	3"	1/2"
ST-5-166-050	ST-5-167-040		41/64"	0.6406"	6"	3"	1/2"
ST-5-166-055	ST-5-167-045	ST-5-167-380	21/32"	0.6562"	6"	3"	1/2"
ST-5-166-060	ST-5-167-050		43/64"	0.6719"	6"	3"	1/2"
ST-5-166-065	ST-5-167-055	ST-5-167-400	11/16"	0.6870"	6"	3"	1/2"
ST-5-166-070	ST-5-167-060		45/64"	0.7031"	6"	3"	1/2"
ST-5-166-075	ST-5-167-065	ST-5-167-420	23/32"	0.7188"	6"	3"	1/2"
ST-5-166-080	ST-5-167-070		47/64"	0.7344"	6"	3"	1/2"
ST-5-166-085	ST-5-167-075	ST-5-167-440	3/4"	0.7500"	6"	3"	1/2"
ST-5-166-090	ST-5-167-080		49/64"	0.7656"	6"	3"	1/2"
ST-5-166-095	ST-5-167-085	ST-5-167-460	25/32"	0.7812"	6"	3"	1/2"
ST-5-166-100	ST-5-167-090		51/64"	0.7969"	6"	3"	1/2"
ST-5-166-105	ST-5-167-095	ST-5-167-480	13/16"	0.8125"	6"	3"	1/2"
ST-5-166-110	ST-5-167-100		53/64"	0.8281"	6"	3"	1/2"
ST-5-166-115	ST-5-167-105	ST-5-167-500	27/32"	0.8438"	6"	3"	1/2"
ST-5-166-120	ST-5-167-110		55/64"	0.8594"	6"	3"	1/2"
ST-5-166-125	ST-5-167-115	ST-5-167-520	7/8"	0.8750"	6"	3"	1/2"
ST-5-166-130	ST-5-167-120		57/64"	0.8906"	6"	3"	1/2"
ST-5-166-135	ST-5-167-125		29/32"	0.9062"	6"	3"	1/2"
ST-5-166-140	ST-5-167-130		59/64"	0.9219"	6"	3"	1/2"
ST-5-166-145	ST-5-167-135	ST-5-167-540	15/16"	0.9375"	6"	3"	1/2"
ST-5-166-150	ST-5-167-140		61/64"	0.9531"	6"	3"	1/2"
ST-5-166-155			31/32"	0.9688"	6"	3"	1/2"
ST-5-166-160			63/64"	0.9844"	6"	3"	1/2"
ST-5-166-165	ST-5-167-145	ST-5-167-560	1"	1.0000"	6"	3"	1/2"
ST-5-166-166			1-1/64"	1.0156"	6"	3"	1/2"
ST-5-166-167			1-1/32"	1.0312"	6"	3"	1/2"
ST-5-166-170			1-1/16"	1.0625"	6"	3"	1/2"
ST-5-166-175			1-3/32"	1.0938"	6"	3"	1/2"
ST-5-166-180	ST-5-167-150	ST-5-167-580	1-1/8"	1.1250"	6"	3"	1/2"
ST-5-166-185			1-5/32"	1.1562"	6"	3"	1/2"
ST-5-166-190	ST-5-167-155		1-3/16"	1.1875"	6"	3"	1/2"
ST-5-166-195			1-7/32"	1.2188"	6"	3"	1/2"
ST-5-166-200	ST-5-167-160	ST-5-167-600	1-1/4"	1.2500"	6"	3"	1/2"
ST-5-166-205			1-5/16"	1.3125"	6"	3"	1/2"
ST-5-166-210		ST-5-167-620	1-3/8"	1.3750"	6"	3"	1/2"
ST-5-166-215			1-13/32"	1.4062"	6"	3"	1/2"
ST-5-166-220			1-7/16"	1.4375"	6"	3"	1/2"
ST-5-166-225		ST-5-167-640	1-1/2"	1.5000"	6"	3"	1/2"
ST-5-166-230			1-9/16"	1.5625"	6"	3"	3/4"
ST-5-166-235			1-5/8"	1.6250"	6"	3"	3/4"
ST-5-166-240			1-3/4"	1.7500"	6"	3"	3/4"
ST-5-166-245			1-7/8"	1.8750"	6"	3"	3/4"
ST-5-166-250			2"	2.0000"	6"	3"	3/4"

**Broca Zanco de 1/2" AAV Métrica**

Ángulo de punta 118°  
Corte a la derecha



ACERO A. V.

Código	Medida	Diámetro decimal	Largo total	Largo de corte
ST-5-166-260	13.0mm	0.5118"	160mm	101mm
ST-5-166-265	13.5mm	0.5315"	160mm	108mm
ST-5-166-270	14.0mm	0.5512"	160mm	108mm
ST-5-166-275	14.5mm	0.5709"	169mm	114mm
ST-5-166-280	15.0mm	0.5906"	169mm	114mm
ST-5-166-285	15.5mm	0.6102"	178mm	120mm
ST-5-166-290	16.0mm	0.6299"	178mm	120mm
ST-5-166-295	16.5mm	0.6496"	184mm	125mm
ST-5-166-300	17.0mm	0.6693"	184mm	125mm
ST-5-166-305	17.5mm	0.6890"	191mm	130mm
ST-5-166-310	18.0mm	0.7087"	191mm	130mm
ST-5-166-315	18.5mm	0.7283"	198mm	135mm
ST-5-166-320	19.0mm	0.7480"	198mm	135mm
ST-5-166-325	19.5mm	0.7677"	205mm	140mm
ST-5-166-330	20.0mm	0.7874"	205mm	140mm
ST-5-166-335	20.5mm	0.8071"	205mm	140mm
ST-5-166-340	21.0mm	0.8268"	205mm	145mm
ST-5-166-345	21.5mm	0.8465"	205mm	145mm
ST-5-166-350	22.0mm	0.8661"	210mm	150mm
ST-5-166-355	22.5mm	0.8858"	210mm	150mm
ST-5-166-360	23.0mm	0.9055"	215mm	155mm
ST-5-166-365	23.5mm	0.9252"	215mm	155mm
ST-5-166-370	24.0mm	0.9449"	220mm	160mm
ST-5-166-375	24.5mm	0.9646"	220mm	160mm
ST-5-166-380	25.0mm	0.9843"	220mm	160mm

PERFORACIÓN

**Broca de Centro AAV**

Fabricadas en Acero de Alta Velocidad  
Punta en ángulo de 60°



Código	#
ST-8-600-010	1
ST-8-600-015	2
ST-8-600-020	3
ST-8-600-025	4
ST-8-600-030	5
ST-8-600-035	6
ST-8-600-040	7
ST-8-600-045	8

**Broca de Centro de Carburo**

Grano de carburo sub-micrónico sólido C-2 grado premium con 10% Cobalto

Punta en ángulo de 118°  
Corte a la derecha

Zanco recto

Código	#	Diámetro cuerpo	Diámetro punta	Largo de corte
ST-1-600-010	1	1/8"	3/64"	1-1/2"
ST-1-600-020	2	3/16"	5/64"	1-7/8"
ST-1-600-030	3	1/4"	7/64"	2"
ST-1-600-040	4	5/16"	1/8"	2-1/8"
ST-1-600-050	5	7/16"	3/16"	2-3/4"
ST-1-600-060	6	1/2"	7/32"	3"

**Juego de Brocas con Zanco de 1/2"**

Incluye estuche  
Zanco de 1/2"



ACERO A. V.

Código	Piezas	Tipo	Medidas
ST-5-159-025	8	Fraccional	9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

**Juego de Brocas con Zanco de 1/2"**

Incluye estuche  
Zanco de 1/2"



Co

Código	Piezas	Tipo	Medidas
ST-5-159-020	8	Fraccional	9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

**Broca AAV Larga TL**



Fabricadas en Acero de Alta Velocidad  
Punta en ángulo de 118°  
Corte a la derecha  
Zanco recto



ACERO A. V.

Código	Medida	Diámetro decimal	Largo total	Largo de corte
ST-5-164-005	5/64"	0.0781"	3-3/4"	2"
ST-5-164-010	7/64"	0.1094"	4-3/4"	2-1/2"
ST-5-164-013	7/64"	0.1094"	8"	5-1/2"
ST-5-164-015	1/8"	0.1250"	5-1/8"	2-3/4"
ST-5-164-020	9/64"	0.1406"	5-3/8"	3"
ST-5-164-025	5/32"	0.1562"	5-3/8"	3"
ST-5-164-030	11/64"	0.1719"	5-3/4"	3-3/8"
ST-5-164-035	3/16"	0.1875"	5-3/4"	3-3/8"
ST-5-164-040	13/64"	0.2031"	6"	3-5/8"
ST-5-164-045	7/32"	0.2188"	6"	3-5/8"
ST-5-164-050	1/4"	0.2500"	6-1/8"	3-3/4"
ST-5-164-055	17/64"	0.2656"	6-1/8"	3-3/4"
ST-5-164-060	9/32"	0.2812"	6-1/4"	3-7/8"
ST-5-164-065	19/64"	0.2969"	6-3/8"	4"
ST-5-164-070	5/16"	0.3125"	6-3/8"	4"
ST-5-164-075	21/64"	0.3281"	6-1/2"	4-1/8"
ST-5-164-080	11/32"	0.3438"	6-1/2"	4-1/8"
ST-5-164-085	23/64"	0.3594"	6-7/8"	4-1/4"
ST-5-164-090	3/8"	0.3750"	6-3/4"	4-1/4"
ST-5-164-095	27/64"	0.4219"	7-11/16"	5-1/32"
ST-5-164-100	7/16"	0.4375"	7-1/4"	4-5/8"
ST-5-164-105	29/64"	0.4531"	7-11/16"	5-1/32"
ST-5-164-110	15/32"	0.4688"	7-1/2"	4-3/4"
ST-5-164-115	31/64"	0.4844"	7-3/4"	4-3/4"
ST-5-164-120	1/2"	0.5000"	7-3/4"	4-3/4"
ST-5-164-125	17/32"	0.5312"	8"	4-3/4"
ST-5-164-135	9/16"	0.5625"	8-1/4"	4-7/8"
ST-5-164-137	5/8"	0.6250"	8-3/4"	4-7/8"
ST-5-164-140	39/64"	0.6094"	8-3/4"	4-7/8"
ST-5-164-145	41/64"	0.6406"	7-1/4"	4-5/8"
ST-5-164-150	43/64"	0.6719"	7-3/4"	4-3/4"
ST-5-164-153	11/16"	0.6875"	9-1/4"	5-3/8"
ST-5-164-154	45/64"	0.7031"	9-1/2"	5-5/8"
ST-5-164-155	23/32"	0.7188"	9-1/2"	5-5/8"
ST-5-164-156	47/64"	0.7344"	10"	6-1/8"
ST-5-164-160	3/4"	0.7500"	9-3/4"	5-7/8"
ST-5-164-163	13/16"	0.8125"	10"	6-1/8"
ST-5-164-165	53/64"	0.8281"	10-1/4"	6-1/8"
ST-5-164-170	55/64"	0.8594"	10"	6-1/8"
ST-5-164-175	57/64"	0.8906"	10-1/4"	6-1/8"

**Broca AAV Larga de 12"**



Fabricadas en Acero de Alta Velocidad  
Punta en ángulo de 118°  
Corte a la derecha  
Zanco recto  
Templadas y rectificadas  
Para acero, fundición, materiales ferrosos y no ferrosos



ACERO A. V.

Código	Medida	Diámetro decimal	Largo total	Largo de corte
ST-5-165-005	1/8"	0.1250"	12"	9"
ST-5-165-010	9/64"	0.1406"	12"	9"
ST-5-165-015	5/32"	0.1562"	12"	9"
ST-5-165-020	11/64"	0.1719"	12"	9"
ST-5-165-025	3/16"	0.1875"	12"	9"
ST-5-165-030	13/64"	0.2031"	12"	9"
ST-5-165-033	7/32"	0.2188"	12"	9"
ST-5-165-035	15/64"	0.2344"	12"	9"
ST-5-165-040	1/4"	0.2500"	12"	9"
ST-5-165-043	17/64"	0.2656"	12"	9"
ST-5-165-044	9/32"	0.2812"	12"	9"
ST-5-165-045	5/16"	0.1929"	12"	9"
ST-5-165-050	21/64"	0.1968"	12"	9"
ST-5-165-055	11/32"	0.2969"	12"	9"
ST-5-165-060	23/64"	0.3125"	12"	9"
ST-5-165-065	3/8"	0.3281"	12"	9"
ST-5-165-080	7/16"	0.4375"	12"	9"
ST-5-165-085	29/64"	0.4531"	12"	9"
ST-5-165-090	15/32"	0.4688"	12"	9"
ST-5-165-100	1/2"	0.5000"	12"	9"
ST-5-165-102	17/32"	0.5312"	12"	9"
ST-5-165-105	9/16"	0.5625"	12"	9"
ST-5-165-110	19/32"	0.5938"	12"	9"
ST-5-165-115	5/8"	0.6250"	12"	9"
ST-5-165-120	11/16"	0.6875"	12"	9"
ST-5-165-122	3/4"	0.7500"	12"	9"
ST-5-165-130	13/16"	0.8125"	12"	9"

**Broca AAV Larga de 18"**



Fabricadas en Acero de Alta Velocidad  
Punta en ángulo de 118°  
Corte a la derecha  
Zanco recto  
Templadas y rectificadas  
Para acero, fundición, materiales ferrosos y no ferrosos



ACERO A. V.

Código	Medida	Diámetro decimal	Largo total	Largo de corte
ST-5-168-005	3/16"	0.1875"	18"	13"
ST-5-168-010	1/4"	0.2500"	18"	13"
ST-5-168-015	7/32"	0.2188"	18"	13"
ST-5-168-020	5/16"	0.3125"	18"	13"
ST-5-168-030	3/8"	0.3750"	18"	13"
ST-5-168-035	7/16"	0.4375"	18"	13"
ST-5-168-040	15/32"	0.4688"	18"	13"
ST-5-168-045	1/2"	0.5000"	18"	13"

**Broca Forstener**



Calidad industrial



Código	Medida	Largo
ST-5-152-100	1- 3/8"	3-1/2"

**Broca para Madera Tipo Espada**

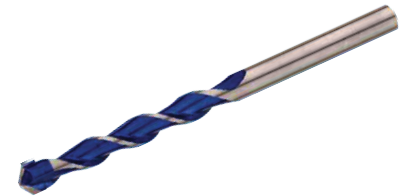


Código	Descripción
ST-5-152-001	1/4"
ST-5-152-010	5/16"
ST-5-152-020	3/8"
ST-5-152-025	7/16"
ST-5-152-030	1/2"
ST-5-152-035	9/16"
ST-5-152-040	5/8"
ST-5-152-045	11/16"
ST-5-152-050	3/4"
ST-5-152-055	7/8"
ST-5-152-060	1"
ST-5-152-065	1-1/8"
ST-5-152-070	1-3/16"
ST-5-152-075	1-1/4"
ST-5-152-080	1-3/8"
ST-5-152-085	1-1/2"

**Broca Azul Multiusos**



Corte de hélice con forma "S" para una buena evacuación de todas las virutas  
Para usarse en acero aleado, cerámica y madera tierna



Código	Diámetro	Largo	Largo de corte
ST-5-148-800	1/8"	2-1/2"	25/32"
ST-5-148-805	5/32"	3"	1-3/8"
ST-5-148-810	3/16"	3-1/2"	1-25/32"
ST-5-148-815	1/4"	4"	2-1/2"
ST-5-148-820	5/16"	4-1/2"	3"
ST-5-148-825	3/8"	4-1/2"	3"
ST-5-148-830	1/2"	6"	4"
ST-5-148-835	5/8"	6"	4"

**Broca para Vidrio**



Agua necesaria para el uso correcto de la herramienta  
Para usarse en cerámica, vidrio



Código	Diámetro	Largo	Largo de corte
ST-5-148-982	1/8"	3"	1-1/2"
ST-5-148-984	3/16"	3"	1-1/2"
ST-5-148-986	1/4"	4"	2-1/2"
ST-5-148-988	5/16"	4"	2-1/2"
ST-5-148-990	3/8"	4"	2-1/2"
ST-5-148-992	1/2"	4"	2-1/2"

**Broca AAV con Zanco Cónico Fraccional**

Fabricadas en Acero de Alta Velocidad  
Punta en ángulo de 118°  
Corte a la derecha  
Fabricadas con acero alta velocidad M2  
Acabado pavonado negro



Código	Diámetro	Zanco	Largo de corte (mm)	Largo total (mm)
ST-5-190-120	3/8"	#2	84	174
ST-5-190-140	7/16"	#2	92	187
ST-5-190-150	15/32"	#2	99	193
ST-5-190-160	1/2"	#2	101	213
ST-5-190-165	33/64"	#2	107	220
ST-5-190-170	17/32"	#2	107	220
ST-5-190-175	35/64"	#2	114	226
ST-5-190-180	9/16"	#2	114	226
ST-5-190-185	37/64"	#2	114	226
ST-5-190-190	19/32"	#2	114	227
ST-5-190-195	39/64"	#2	114	227
ST-5-190-200	5/8"	#2	114	227
ST-5-190-210	21/32"	#2	120	234
ST-5-190-215	43/64"	#2	127	240
ST-5-190-220	11/16"	#2	127	240
ST-5-190-222	23/32"	#2	133	246
ST-5-190-225	3/4"	#2	140	253
ST-5-190-227	49/64"	#2	143	257
ST-5-190-230	25/32"	#2	143	257
ST-5-190-240	13/16"	#3	147	279
ST-5-190-245	53/64"	#3	147	279
ST-5-190-250	27/32"	#3	147	279
ST-5-190-255	55/64"	#3	147	279
ST-5-190-260	7/8"	#3	147	280
ST-5-190-265	57/64"	#3	147	280
ST-5-190-270	29/32"	#3	147	280
ST-5-190-280	15/16"	#3	147	280
ST-5-190-290	31/32"	#3	154	286
ST-5-190-295	63/64"	#3	154	286
ST-5-190-300	1"	#3	154	286
ST-5-190-302	1-1/32"	#3	157	290
ST-5-190-303	1-3/64"	#3	160	293
ST-5-190-304	1-1/16"	#3	160	293
ST-5-190-306	1-7/64"	#3	180	304
ST-5-190-307	1-7/64"	#4	168	331
ST-5-190-307-1	1-1/8"	#3	168	331
ST-5-190-308	1-1/8"	#4	168	331
ST-5-190-310	1-5/32"	#4	175	336
ST-5-190-311	1-11/64"	#4	177	337
ST-5-190-312	1-3/16"	#4	177	337
ST-5-190-314	1-7/32"	#4	180	340
ST-5-190-315	1-1/4"	#4	190	350
ST-5-190-316	1-1/4"	#3	190	350
ST-5-190-317	1-17/64"	#4	207	367
ST-5-190-318	1-9/32"	#4	207	367
ST-5-190-319	1-19/64"	#4	210	370
ST-5-190-320	1-5/16"	#4	210	370
ST-5-190-321	1-21/64"	#4	210	373
ST-5-190-322	1-11/32"	#4	210	373
ST-5-190-323	1-23/64"	#4	213	376
ST-5-190-324	1-3/8"	#4	213	376
ST-5-190-325	1-25/64"	#4	218	380
ST-5-190-326	1-13/32"	#4	218	380
ST-5-190-327	1-27/64"	#4	220	384
ST-5-190-328	1-7/16"	#4	220	384
ST-5-190-330	1-15/32"	#4	223	387
ST-5-190-331	1-31/64"	#4	226	390
ST-5-190-332	1-1/2"	#4	226	390
ST-5-190-336	1-9/16"	#4	233	434
ST-5-190-339	1-39/64"	#4	241	445
ST-5-190-340	1-5/8"	#4	241	445
ST-5-190-342	1-5/8"	#5	241	445
ST-5-190-348	1-3/4"	#4	242	448
ST-5-190-352	1-13/16"	#4	242	449
ST-5-190-356	1-7/8"	#4	244	455
ST-5-190-358	1-7/8"	#5	244	455
ST-5-190-360	1-15/16"	#4	244	456
ST-5-190-362	1-31/32"	#4	244	456
ST-5-190-363	1-63/64"	#5	244	456
ST-5-190-400	2"	#5	244	456
ST-5-190-402	2-1/32"	#5	276	456
ST-5-190-408	2-1/8"	#5	240	457
ST-5-190-414	2-7/32"	#5	238	458
ST-5-190-416	2-1/4"	#5	238	458
ST-5-190-420	2-5/16"	#5	238	458
ST-5-190-424	2-3/8"	#5	238	459
ST-5-190-428	2-7/16"	#5	238	488
ST-5-190-432	2-1/2"	#5	238	488
ST-5-190-440	2-5/8"	#5	280	508
ST-5-190-448	2-3/4"	#5	303	532
ST-5-190-456	2-7/8"	#5	320	552
ST-5-190-500	3"	#5	337	568
ST-5-190-510	3"	#6	337	568

**Broca AAV con Zanco Cónico Métrica**

Punta en ángulo de 118°  
Corte a la derecha  
Fabricadas con acero alta velocidad M2  
Acabado pavonado negro



Código	Diámetro	Zanco	Largo de corte	Largo total
ST-5-191-191	12 mm	#1	101 mm	182 mm
ST-5-191-212	14 mm	#1	108 mm	189 mm
ST-5-191-215	15 mm	#2	114 mm	212 mm
ST-5-191-220	16 mm	#2	120 mm	218 mm
ST-5-191-228	18 mm	#2	130 mm	228 mm
ST-5-191-236	20 mm	#2	140 mm	238 mm
ST-5-191-2441	22 mm	#3	150 mm	248 mm
ST-5-191-252	24 mm	#3	160 mm	281 mm
ST-5-191-256	25 mm	#3	160 mm	281 mm
ST-5-191-260	26 mm	#3	165 mm	286 mm
ST-5-191-268	28 mm	#3	170 mm	291 mm
ST-5-191-276	30 mm	#4	175 mm	296 mm
ST-5-191-280	31 mm	#4	180 mm	301 mm
ST-5-191-284	32 mm	#4	185 mm	334 mm

**Anillo para Broca Porta Inserto**



Código	Diámetro interior	Diámetro exterior	Espesor
SA-190-0500	3/4"	1-3/4"	7/8"
SA-190-0510	1"	2-1/8"	1-1/8"
SA-190-0520	1-1/4"	2-1/2"	1-3/8"

**Tornillo para Broca Porta Inserto**



Código	Medida
SA-190-0600	45/64" a 15/16"
SA-190-0610	31/32" a 1-3/8"
SA-190-0620	1-29/32" a 2-9/16"

**Broca Porta Inserto C-300 Espiral con Zanco Cónico**



Código	Para inserto	Profundidad	Longitud cuerpo	Longitud total	Cono	Pipe tap	Compatible con tornillo porta broca
SA-190-0130	45/64" a 15/16"	4-3/4"	5-7/8"	11-5/32"	MT 3	1/8"	SA-190-0510
SA-190-0140	55/64" a 15/64"	4-3/4"	5-7/8"	11-5/32"	MT 3	1/8"	SA-190-0510
SA-190-0150	31/32" a 1-3/8"	5-3/8"	6-1/2"	12-25/32"	MT 4	1/8"	SA-190-0510
SA-190-0160	1-3/16" a 1-3/8"	5-3/8"	6-1/2"	12-25/32"	MT 4	1/4"	SA-190-0520

**Broca Porta Inserto C-300 Recta con Zanco Cónico**



Código	Para inserto	Profundidad	Longitud cuerpo	Longitud total	Cono	Pipe tap	Compatible con anillo porta broca
SA-190-0010	45/64" a 15/16"	2-3/4"	3-7/8"	9-5/32"	MT 3	1/8"	SA-190-0510
SA-190-0020	31/32" a 1-3/8"	3-3/8"	4-1/2"	9-25/32"	MT 3	1/8"	SA-190-0510
SA-190-0030	1-3/16" a 1-3/8"	3-3/8"	4-1/2"	9-25/32"	MT 3	1/8"	SA-190-0520
SA-190-0040	1-13/32" a 1-7/8"	4-3/4"	6"	12-9/16"	MT 4	1/4"	SA-190-0520
SA-190-0050	1-29/32" a 2-9/16"	5-1/8"	6-1/2"	13-1/16"	MT 4	1/4"	SA-190-0520

PERFORACIÓN



**Broca Porta Inserto C-300  
Recta Extra Larga con  
Zanco Cónico**



Código	Para inserto	Profundidad	Longitud cuerpo	Longitud total	Cono	Pipe tap	Compatible con anillo porta broca
SA-190-0060	45/64" a 15/16"	7-7/8"	9-39/64"	13-5/32"	MT3	1/8"	SA-190-0510
SA-190-0070	55/64" a 15/16"	7-7/8"	9-39/64"	13-5/32"	MT3	1/8"	SA-190-0510
SA-190-0080	31/32" a 1-3/8"	8-1/2"	10-15/64"	13-25/32"	MT3	1/8"	SA-190-0510
SA-190-0090	1-3/16" a 1-3/8"	8-1/2"	10-15/64"	13-25/32"	MT3	1/8"	SA-190-0520
SA-190-0100	1-13/32" a 1-7/8"	9-1/2"	11-5/8"	16-1/16"	MT4	1/4"	SA-190-0520
SA-190-0110	1-29/32" a 2-9/16"	10-1/2"	12-5/8"	17-1/16"	MT4	1/4"	SA-190-0520
SA-190-0120	2-1/2" a 3-1/2"	12-1/2"	15-5/16"	20-15/16"	MT5	1/2"	

WESTON



Compatible con anillo porta broca

**Broca Porta Inserto C-300  
Recta con Zanco Recto**



Código	Para inserto	Profundidad	Longitud cuerpo	Longitud total	Pipe tap	Compatible con tornillo porta broca
SA-190-0300	45/64" a 15/16"	2-5/8"	3-7/8"	6-7/8"	1/8"	SA-190-0600
SA-190-0310	31/32" a 1-3/8"	3-3/8"	4-1/2"	8"	1/8"	SA-190-0610

WESTON



Compatible con tornillo porta broca

**Broca Porta Inserto C-300  
Recta Extra Larga con  
Zanco Recto**



Código	Para inserto	Profundidad	Longitud cuerpo	Longitud total	Pipe tap	Compatible con tornillo porta broca
SA-190-0320	45/64" a 15/16"	6-5/8"	7-7/8"	10-7/8"	1/8"	SA-190-0600
SA-190-0330	31/32" a 1-3/8"	7-3/8"	8-1/2"	12"	1/8"	SA-190-0610
SA-190-0340	1-13/32" a 1-7/8"	8-1/4"	9-1/2"	13-1/2"	1/4"	

WESTON



Compatible con tornillo porta broca

**Inserto C-300 con TiAlN  
Fraccional**



ACERO A. V.

TiAlN

Código	Conector	Diámetro	Broca porta inserto compatible
SA-190-0710	33/64" a 11/16"	9/16"	
SA-190-0720	33/64" a 11/16"	5/8"	
SA-190-0722	45/64" a 15/16"	23/32"	SA-190-0010
SA-190-0730	45/64" a 15/16"	3/4"	SA-190-0060
SA-190-0733	45/64" a 15/16"	13/16"	SA-190-0130
SA-190-0740	45/64" a 15/16"	7/8"	SA-190-0300
SA-190-0750	45/64" a 15/16"	15/16"	SA-190-0320
SA-190-0760	13/32" a 1-3/8"	1"	
SA-190-0765	31/32" a 1-3/8"	1-1/64"	
SA-190-0770	31/32" a 1-3/8"	1-1/16"	
SA-190-0780	31/32" a 1-3/8"	1-1/8"	
SA-190-0790	31/32" a 1-3/8"	1-3/16"	
SA-190-0800	31/32" a 1-3/8"	1-1/4"	
SA-190-0810	31/32" a 1-3/8"	1-5/16"	
SA-190-0820	31/32" a 1-3/8"	1-3/8"	
SA-190-0830	1-13/32" a 1-7/8"	1-7/16"	
SA-190-0833	1-13/32" a 1-7/8"	1-15/26"	
SA-190-0840	1-13/32" a 1-7/8"	1-1/2"	SA-190-0040
SA-190-0850	1-13/32" a 1-7/8"	1-5/8"	SA-190-0100
SA-190-0860	1-13/32" a 1-7/8"	1-3/4"	SA-190-0340
SA-190-0870	1-13/32" a 1-7/8"	1-7/8"	
SA-190-0880	1-29/32" a 2-9/16"	2"	
SA-190-0890	1-29/32" a 2-9/16"	2-1/8"	
SA-190-0900	1-29/32" a 2-9/16"	2-1/4"	SA-190-0050
SA-190-0910	1-29/32" a 2-9/16"	2-3/8"	SA-190-0110
SA-190-0920	1-29/32" a 2-9/16"	2-1/2"	

**Inserto C-300 con TiAlN  
Métrico**



ACERO A. V.

TiAlN

Código	Conector	Diámetro	Broca porta inserto compatible
SA-190-1150	33/64" a 11/16"	14 mm	
SA-190-1160	33/64" a 11/16"	16 mm	
SA-190-1170	45/64" a 15/16"	20 mm	SA-190-0010
SA-190-1180	45/64" a 15/16"	22 mm	SA-190-0060
SA-190-1190	45/64" a 15/16"	24 mm	SA-190-0130
SA-190-1200	13/32" a 1-3/8"	26 mm	SA-190-0300
SA-190-1210	13/32" a 1-3/8"	28 mm	SA-190-0320
SA-190-1220	13/32" a 1-3/8"	32 mm	
SA-190-1230	13/32" a 1-3/8"	35 mm	SA-190-0040
SA-190-1240	1-13/32" a 1-7/8"	36mm	SA-190-0100
SA-190-1250	1-13/32" a 1-7/8"	40 mm	SA-190-0340

**Perno Botador para  
Cortador Anular**

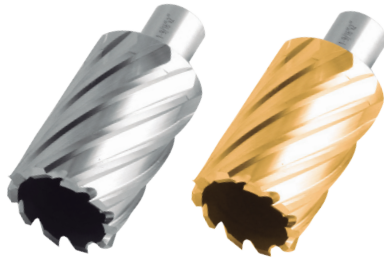


Código	Conector
ST-5-530-905	1/4 x 3"
ST-5-530-915	1/4 x 4"

WESTON

Cortador Anular

Zanco tipo Weldon de 3/4" \*  
 Fabricado en acero alta velocidad  
 Capacidad de perforación superior  
 Gran durabilidad  
 \*Excepto ST-5-530-160 que es de 1-1/4"



ACERO  
A. V.  
TIN

A.A.V.	Titanio	Diámetro	Profundidad de corte	Flautas
ST-5-530-111	ST-5-530-111-T	1/2"	1"	4
ST-5-530-113	ST-5-530-113-T	9/16"	1"	4
ST-5-530-116	ST-5-530-116-T	5/8"	1"	5
ST-5-530-119	ST-5-530-119-T	11/16"	1"	5
ST-5-530-121	ST-5-530-121-T	3/4"	1"	6
ST-5-530-124	ST-5-530-124-T	13/16"	1"	6
ST-5-530-127	ST-5-530-127-T	7/8"	1"	6
	ST-5-530-130-T	15/16"	1"	6
ST-5-530-133	ST-5-530-133-T	1"	1"	6
ST-5-530-136	ST-5-530-136-T	1-1/16"	1"	8
	ST-5-530-138-T	1-1/8"	1"	8
	ST-5-530-140-T	1-3/16"	1"	8
ST-5-530-145	ST-5-530-145-T	1-1/4"	1"	8
	ST-5-530-147-T	1-5/16"	1"	8
	ST-5-530-149-T	1-3/8"	1"	10
	ST-5-530-151-T	1-1/2"	1"	10
ST-5-530-160		2-5/8"	1"	14
ST-5-530-211	ST-5-530-211-T	1/2"	1"	4
ST-5-530-213	ST-5-530-213-T	9/16"	2"	4
ST-5-530-216	ST-5-530-216-T	5/8"	2"	5
ST-5-530-218		11/16"	2"	4
	ST-5-530-219-T	11/16"	2"	5
ST-5-530-221	ST-5-530-221-T	3/4"	2"	6
	ST-5-530-224-T	13/16"	2"	6
ST-5-530-227	ST-5-530-227-T	7/8"	2"	6
ST-5-530-229	ST-5-530-229-T	15/16"	2"	6
ST-5-530-233	ST-5-530-233-T	1"	2"	6
ST-5-530-237	ST-5-530-237-T	1-1/16"	2"	8
ST-5-530-239	ST-5-530-239-T	1-1/8"	2"	8
ST-5-530-242	ST-5-530-242-T	1-3/16"	2"	8
ST-5-530-245	ST-5-530-245-T	1-1/4"	2"	8
ST-5-530-248	ST-5-530-248-T	1-5/16"	2"	8
ST-5-530-251	ST-5-530-251-T	1-3/8"	2"	8
	ST-5-530-254-T	1-7/16"	2"	10
ST-5-530-257	ST-5-530-257-T	1-1/2"	2"	9
ST-5-530-260	ST-5-530-260-T	1-9/16"	2"	10
ST-5-530-263	ST-5-530-263-T	1-5/8"	2"	10
ST-5-530-269	ST-5-530-269-T	1-3/4"	2"	10
ST-5-530-275	ST-5-530-275-T	1-7/8"	2"	10
ST-5-530-281	ST-5-530-281-T	2"	2"	12
	ST-5-530-283-T	2-1/8"	2"	12
	ST-5-530-285-T	2-1/4"	2"	12
	ST-5-530-287-T	2-3/8"	2"	12
	ST-5-530-289-T	2-1/2"	2"	14

PERFORACIÓN

Exhibidor de Brocas

Material: Cuerpo y separadores de lámina y tapa de acrílico  
 Incluye rótulos de la marca Weston Tools, separadores, cerradura y 2 llaves  
 Medidas: 40 x 32 x 38cm  
 Exhibidor exclusivo para artículos Weston Tools



Código	Descripción
EX-BROCAPAQ	Paquete de brocas con exhibidor de regalo. Listado de productos en página web

Exhibidor de Cortadores Anulares

Material: Paredes y base de MDF con cubierta y puertas de acrílico  
 Incluye rótulos de la marca Weston Tools, puertas deslizables, cerradura y 2 llaves  
 Medidas: 55 x 37 x 31cm  
 Exhibidor exclusivo para artículos Weston Tools



Código	Descripción
EX-CORTE	Paquete de cortadores anulares con exhibidor de regalo. Listado de productos en página web

