



REAMERS

Solid carbide and HSS reamers for high-precision finishing operations.

- Available from $\varnothing 0.98$ to $\varnothing 20$ mm, depending on material and application.
- H7 tolerance for high dimensional accuracy, stability and concentricity.
- A reliable solution for continuous production on CNC and conventional machines.

Escariadores de metal duro y HSS para operaciones de acabado de alta precisión.

- Disponibles desde $\varnothing 0,98$ hasta $\varnothing 20$ mm, según material y aplicación.
- Tolerancia H7 para una elevada precisión dimensional, estabilidad y concentricidad.
- Solución fiable para producción continua en máquinas CNC y convencionales.

REAM LINE INDEX

Code Código	28.1202	29.1502	25.0200	25.1500		
						
Page Página	354	355	358	362		
Tool Material M. herramienta	SC	SC	HSS-E	HSS-E		
Ø Range Diámetro (mm)	3 - 12	0,98 - 12,05	1 - 20	4 - 20		
Shape Forma	45°	45°	45°	45°		
Coating Recubrimiento	Bright	Bright	Bright	Bright		
Tolerance Tolerancia	H7	-	H7	H7		
Application Aplicación	UNI	UNI	UNI	UNI		
P Carbon Steel	●	●	●	●		
P High Alloyed Steel	●	●	●	●		
H HRC 55	●	●				
H HRC 62						
H HRC 70						
H HRC 75						
M Stainless Steel <700N/mm2	○	○	○	○		
M Stainless Steel >700N/mm2						
K Cast Iron	●	●	●	●		
K Nodular Cast Iron						
N Aluminium	●	●	●	●		
N Copper						
N Plastics	●	●	●	●		
G Graphite						
G GFK/CFK						
S Titanium Alloy						
S NiAlloys						
Eshop Tienda online						

[illegible]

★ Best Choice

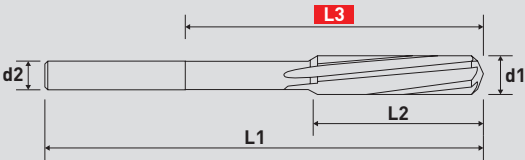
- First Choice

- Suitable

28.1202

SC CNC MACHINE REAMER

ESCARIADOR DE MÁQUINA
CNC SC INTEGRAL



P

M

K

N

S

H

G

SC

BRIGHT

Helion
NORM

H7
TOLERANCE

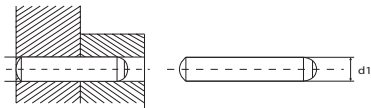
UNI

45°

HA

Cod.	d1	d2	L1	L2	L3	Stock
2812020300	3,0	4	64	24	36	●
2812020350	3,5	4	74	28	46	●
2812020400	4,0	6	82	32	50	●
2812020450	4,5	6	82	32	50	●
2812020500	5,0	6	93	35	59	●
2812020550	5,5	6	93	35	57	●
2812020600	6,0	6	93	38	57	●
2812020650	6,5	8	101	38	63	●
2812020700	7,0	8	109	43	69	●
2812020750	7,5	8	109	43	69	●
2812020800	8,0	8	117	46	75	●
2812020900	9,0	10	125	49	81	●
2812020950	9,5	10	125	49	81	●
2812021000	10,0	10	133	51	87	●
2812021050	10,5	10	133	51	87	●
2812021100	11,0	10	142	55	96	●
2812021200	12,0	12	151	58	105	●

Application example fixing pins DIN 6325 for d1 = 8
Use drill D:7,80 and then reamer 28.1202 or 25.0200 D: 8 H7



● Stock | Disponible ○ Under Request | Bajo Pedido

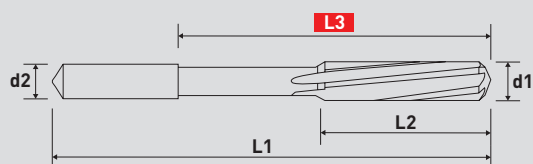
29.1502

SC CNC MACHINE REAMER

ESCARIADOR DE MÁQUINA
CNC SC INTEGRAL



Cutting
Conditions



Cod.	d1	d2	L1	L2	L3	Z	Stock
2915020098	0,98	4	50	6	22	3	●
2915020099	0,99	4	50	6	22	3	●
2915020100	1,00	4	50	6	22	3	●
2915020101	1,01	4	50	6	22	3	●
2915020102	1,02	4	50	6	22	3	●
2915020103	1,03	4	50	9	22	3	●
2915020148	1,48	4	50	9	22	3	●
2915020149	1,49	4	50	9	22	3	●
2915020150	1,50	4	50	9	22	3	●
2915020151	1,51	4	50	9	22	3	●
2915020152	1,52	4	50	9	22	3	●
2915020153	1,53	4	50	9	22	3	●
2915020198	1,98	4	50	12	22	4	●
2915020199	1,99	4	50	12	22	4	●
2915020200	2,00	4	50	12	22	4	●
2915020201	2,01	4	50	12	22	4	●
2915020202	2,02	4	50	12	22	4	●
2915020203	2,03	4	50	12	22	4	●
2915020248	2,48	4	60	16	32	4	●
2915020249	2,49	4	60	16	32	4	●
2915020250	2,50	4	60	16	32	4	●
2915020251	2,51	4	60	16	32	4	●
2915020252	2,52	4	60	16	32	4	●
2915020253	2,53	4	60	16	32	4	●
2915020297	2,97	4	64	17	36	6	●
2915020298	2,98	4	64	17	36	6	●
2915020299	2,99	4	64	17	36	6	●
2915020300	3,00	4	64	17	36	6	●



29.1502 | SC CNC MACHINE REAMER
ESCARIADOR DE MÁQUINA CNC SC INTEGRAL

Cod.	d1	d2	L1	L2	L3	Z	Stock
2915020301	3,01	4	64	17	36	6	●
2915020302	3,02	4	64	17	36	6	●
2915020303	3,03	4	64	17	36	6	●
2915020397	3,97	4	77	21	45	6	●
2915020398	3,98	4	77	21	45	6	●
2915020399	3,99	4	77	21	45	6	●
2915020400	4,00	4	77	21	45	6	●
2915020401	4,01	4	77	21	45	6	●
2915020402	4,02	4	77	21	45	6	●
2915020403	4,03	4	77	21	45	6	●
2915020497	4,97	6	93	26	59	6	●
2915020498	4,98	6	93	26	59	6	●
2915020499	4,99	6	93	26	59	6	●
2915020500	5,00	6	93	26	59	6	●
2915020501	5,01	6	93	26	59	6	●
2915020502	5,02	6	93	26	59	6	●
2915020503	5,03	6	93	26	59	6	●
2915020597	5,97	6	93	26	57	6	●
2915020598	5,98	6	93	26	57	6	●
2915020599	5,99	6	93	26	57	6	●
2915020600	6,00	6	93	26	57	6	●
2915020601	6,01	6	93	26	57	6	●
2915020602	6,02	6	93	26	57	6	●
2915020603	6,03	6	93	26	57	6	●
2915020700	7,00	8	109	31	69	6	●
2915020797	7,97	8	117	33	75	6	●
2915020798	7,98	8	117	33	75	6	●
2915020799	7,99	8	117	33	75	6	●
2915020800	8,00	8	117	33	75	6	●
2915020801	8,01	8	117	33	75	6	●
2915020802	8,02	8	117	33	75	6	●
2915020803	8,03	8	117	33	75	6	●
2915020804	8,04	8	117	33	75	6	●
2915020900	9,00	10	125	36	81	6	●
2915020997	9,97	10	133	38	87	6	●
2915020998	9,98	10	133	38	87	6	●
2915020999	9,99	10	133	38	87	6	●
2915021000	10,00	10	133	38	87	6	●



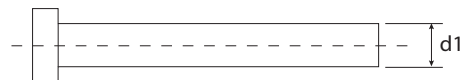
29.1502 | SC CNC MACHINE REAMER
ESCARIADOR DE MÁQUINA CNC SC INTEGRAL

Tolerance	Diameter Range
- 0 / + 0,004	$\varnothing < 5,50 \text{ mm}$
- 0 / + 0,005	$\varnothing \geq 5,50 \text{ mm}$

Ø > 3,75 mm unequal division

Application example ejector pin DIN 1530 for $d_1 = 8$

Use drill D:7,80 and then reamer 29.1502 D: 7,98

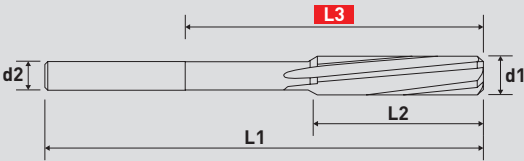


● **Stock** | Disponible ○ **Under Request** | Bajo Pedido

25.0200

HSS-E CNC
MACHINE REAMER

ESCARIADOR DE
MÁQUINA CNC HSS-E



P

M

K

N

S

H

G

HSS-E

BRIGHT

DIN 212-2
FORM-B

H7
TOLERANCE

UNI

Cod.	d1	d2	L1	L2	L3	Stock
2502000100	1,0	3	34	5,5	15	○
2502000110	1,1	3	36	6,5	15,5	○
2502000120	1,2	3	38	7,5	16,5	○
2502000130	1,3	3	38	7,5	16,5	○
2502000140	1,4	3	40	8	18	○
2502000150	1,5	3	40	8	18	○
2502000160	1,6	3	43	9	20	○
2502000170	1,7	3	43	9	20	○
2502000180	1,8	4	46	10	22	○
2502000190	1,9	4	46	10	22	○
2502000200	2,0	4	49	11	24	○
2502000210	2,1	4	49	11	24	○
2502000220	2,2	4	53	12	25	○
2502000230	2,3	4	53	12	25	○
2502000240	2,4	4	57	14	29	○
2502000250	2,5	4	57	14	29	○
2502000260	2,6	4	57	14	29	○
2502000270	2,7	6	61	15	33	○
2502000280	2,8	6	61	15	33	○
2502000290	2,9	6	61	15	33	○
2502000300	3,0	6	61	15	33	○
2502000310	3,1	6	65	16	37	○
2502000320	3,2	6	65	16	37	○
2502000330	3,3	6	65	16	37	○
2502000340	3,4	6	70	18	42	○
2502000350	3,5	6	70	18	42	○
2502000360	3,6	6	70	18	42	○
2502000370	3,7	6	70	18	42	○



25.0200 | SC CNC MACHINE REAMER
ESCARIADOR DE MÁQUINA CNC SC INTEGRAL

Cod.	d1	d2	L1	L2	L3	Stock
2502000380	3,8	4	75	19	47	●
2502000390	3,9	4	75	19	47	●
2502000400	4,0	4	75	19	47	●
2502000410	4,1	4	75	19	47	●
2502000420	4,2	4	75	19	47	●
2502000430	4,3	4,5	80	21	52	●
2502000440	4,4	4,5	80	21	52	●
2502000450	4,5	4,5	80	21	52	●
2502000460	4,6	4,5	80	21	52	●
2502000470	4,7	4,5	80	21	52	●
2502000480	4,8	5	86	23	58	●
2502000490	4,9	5	86	23	58	●
2502000500	5,0	5	86	23	58	●
2502000510	5,1	5	86	23	58	●
2502000520	5,2	5	86	23	58	●
2502000530	5,3	5	86	23	58	●
2502000540	5,4	5,6	93	26	57	●
2502000550	5,5	5,6	93	26	57	●
2502000560	5,6	5,6	93	26	57	●
2502000570	5,7	5,6	93	26	57	●
2502000580	5,8	5,6	93	26	57	●
2502000590	5,9	5,6	93	26	57	●
2502000600	6,0	5,6	93	26	57	●
2502000610	6,1	6,3	101	28	65	●
2502000620	6,2	6,3	101	28	65	●
2502000630	6,3	6,3	101	28	65	●
2502000640	6,4	6,3	101	28	65	●
2502000650	6,5	6,3	101	28	65	●
2502000660	6,6	6,3	101	28	65	●
2502000670	6,7	6,3	101	28	65	●
2502000680	6,8	7,1	109	31	73	●
2502000690	6,9	7,1	109	31	73	●
2502000700	7,0	7,1	109	31	73	●
2502000710	7,1	7,1	109	31	73	●
2502000720	7,2	7,1	109	31	73	●
2502000730	7,3	7,1	109	31	73	●
2502000740	7,4	7,1	109	31	73	●
2502000750	7,5	7,1	109	31	73	●



25.0200 | SC CNC MACHINE REAMER

ESCARIADOR DE MÁQUINA CNC SC INTEGRAL

Cod.	d1	d2	L1	L2	L3	Stock
2502000760	7,6	8	117	33	81	●
2502000770	7,7	8	117	33	81	●
2502000780	7,8	8	117	33	81	●
2502000790	7,9	8	117	33	81	●
2502000800	8,0	8	117	33	81	●
2502000810	8,1	8	117	33	81	●
2502000820	8,2	8	117	33	81	●
2502000830	8,3	8	117	33	81	●
2502000840	8,4	8	117	33	81	●
2502000850	8,5	8	117	33	81	●
2502000860	8,6	9	125	36	85	●
2502000870	8,7	9	125	36	85	●
2502000880	8,8	9	125	36	85	●
2502000890	8,9	9	125	36	85	●
2502000900	9,0	9	125	36	85	●
2502000910	9,1	9	125	36	85	●
2502000920	9,2	9	125	36	85	●
2502000930	9,3	9	125	36	85	●
2502000940	9,4	9	125	36	85	●
2502000950	9,5	9	125	36	85	●
2502000960	9,6	10	133	38	93	●
2502000970	9,7	10	133	38	93	●
2502000980	9,8	10	133	38	93	●
2502000990	9,9	10	133	38	93	●
2502001000	10,0	10	133	38	93	●
2502001010	10,1	10	133	38	93	●
2502001020	10,2	10	133	38	93	●
2502001030	10,3	10	133	38	93	●
2502001040	10,4	10	133	38	93	●
2502001070	10,7	10	142	41	102	●
2502001080	10,8	10	142	41	102	●
2502001100	11,0	10	142	41	102	●
2502001150	11,5	10	142	41	102	●
2502001190	11,9	10	151	44	111	●
2502001200	12,0	10	151	44	111	●
2502001300	13,0	10	151	44	111	●
2502001400	14,0	12,5	160	47	115	●
2502001500	15,0	12,5	162	50	117	●



25.0200 | SC CNC MACHINE REAMER
ESCARIADOR DE MÁQUINA CNC SC INTEGRAL

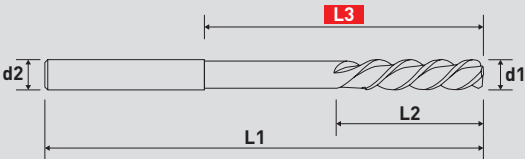
Cod.	d1	d2	L1	L2	L3	Stock
2502001600	16,0	12,5	170	52	125	●
2502001700	17,0	14	175	54	130	●
2502001800	18,0	14	182	56	137	●
2502001900	19,0	16	189	58	141	●
2502002000	20,0	16	195	60	147	●

● **Stock** | Disponible ○ **Under Request** | Bajo Pedido

25.1500

HIGH PERFORMANCE CNC MACHINE REAMER - GAMMON

ESCARIADOR DE MÁQUINA DE
ALTO RENDIMIENTO - GAMMON



Cod.	d1	d2	L1	L2	L3	Stock
2515000400	4,0	4	75	19	47	●
2515000450	4,5	4,5	80	21	52	●
2515000500	5,0	5	86	23	58	●
2515000550	5,5	5,6	93	26	57	●
2515000600	6,0	5,6	93	26	57	●
2515000650	6,5	6,3	101	28	65	●
2515000700	7,0	7,1	109	31	73	●
2515000800	8,0	8	117	33	81	●
2515000850	8,5	8	117	33	81	●
2515000900	9,0	9	125	36	85	●
2515001000	10,0	10	133	38	93	●
2515001100	11,0	10	142	41	102	●
2515001200	12,0	10	151	44	111	●
2515001300	13,0	10	151	44	111	●
2515001400	14,0	12,5	160	47	115	●
2515001500	15,0	12,5	162	50	117	●
2515001600	16,0	12,5	170	52	125	●
2515001700	17,0	14	175	54	130	●
2515001800	18,0	14	182	56	137	●
2515002000	20,0	16	195	60	147	●

● Stock | Disponible ○ Under Request | Bajo Pedido

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HELION TOOLS SLU

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