

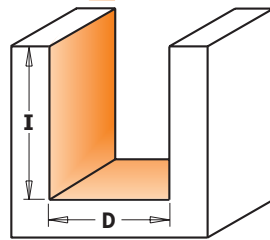
Solid Carbide Upcut 2-Edge Spiral Bits



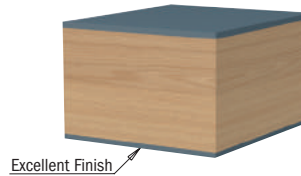
191 Upcut 2-Edge Spiral Bits



ORDER NO. Right-hand rotation	PACK Qty.	D		I inches	L inches	S inches
		inches	mm			
191.001.11	10	1/8	3.18	1/2	2	1/4
191.003.11	10	5/32	3.97	1/2	2	1/4
191.005.11	10	3/16	4.76	3/4	2	1/4
191.007.11	10	1/4	6.35	3/4	2	1/4
191.008.11	10	1/4	6.35	1	2-1/2	1/4
191.501.11	10	5/16	7.94	1	3	1/2
191.503.11	10	3/8	9.52	1-1/4	3	1/2
191.505.11	10	1/2	12.7	1-1/4	3	1/2
191.506.11	10	1/2	12.7	1-1/2	3-1/2	1/2
191.507.11	10	1/2	12.7	2	4	1/2
191.509.11	10	5/8	15.87	2-1/8	4-5/16	5/8
191.511.11	10	3/4	19.05	2-1/8	4-5/16	3/4
10 pcs. in Masterpack						
191.008.11-X10		1/4	6.35	1	2-1/2	1/4



Drawing is 1:1 scale



X10 (10 pcs. in Masterpack)

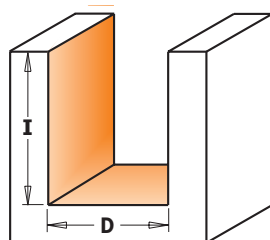
Solid Carbide Downcut 2-Edge Spiral Bits



192 Downcut 2-Edge Spiral Bits



ORDER NO. Right-hand rotation	PACK Qty.	D		I inches	L inches	S inches
		inches	mm			
192.001.11	10	1/8	3.18	1/2	2	1/4
192.003.11	10	5/32	3.97	1/2	2	1/4
192.005.11	10	3/16	4.76	3/4	2	1/4
192.007.11	10	1/4	6.35	3/4	2	1/4
192.008.11	10	1/4	6.35	1	2-1/2	1/4
192.501.11	10	5/16	7.94	1	3	1/2
192.503.11	10	3/8	9.52	1-1/4	3	1/2
192.505.11	10	1/2	12.7	1-1/4	3	1/2
192.506.11	10	1/2	12.7	1-1/2	3-1/2	1/2
192.507.11	10	1/2	12.7	2	4	1/2
10 pcs. in Masterpack						
192.008.11-X10		1/4	6.35	1	2-1/2	1/4
192.505.11-X10		1/2	12.7	1-1/4	3	1/2



Drawing is 1:1 scale



X10 (10 pcs. in Masterpack)