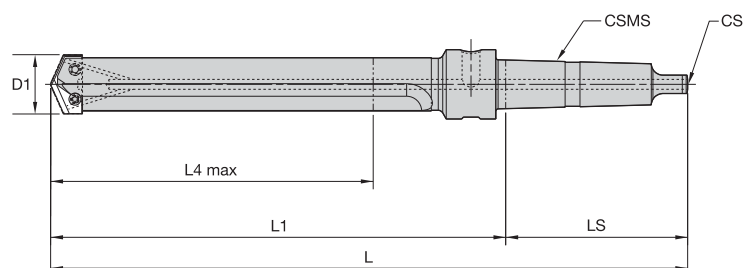


Spade Blade Holders

Taper Shank



- Through coolant must be used with spade drills depths greater than 1 x D.
- Direct spindle cooling is preferable when using WIDIA™ Spade Blades.
- If spindle cooling is unavailable, then coolant glands or inducers should be used to provide through coolant capability.
- Our holders provide both options; please find available coolant glands below.



■ Straight Flute Holders • Short

short	D1		D1 max		L	L1	L4 max	LS	CSMS system size	seat size	CS	insert screw	Torx wrench
	mm	in	mm	in									
7SZTS	11,10	.437	12,90	.508	6.50	3.56	1.30	3.13	2	Z	8 - 32	56-1015	56-2026
7S1TS	17,53	.690	24,38	.960	8.73	5.04	2.48	3.88	3	1	1/4 - 20	56-1020	56-2028
7S2TS	24,41	.961	35,05	1.380	9.44	5.75	3.11	3.88	3	2	1/4 - 20	56-1018	56-2015
7S2.5TS	30,15	1.187	35,05	1.380	9.44	5.56	3.00	3.88	3	2.5	1/4 - 20	56-1018	56-2015
7S3TS	35,08	1.381	47,73	1.879	12.13	7.50	4.21	4.88	4	3	5/16-18	56-1585	56-2020
7S4TS	47,75	1.880	65,28	2.570	13.62	9.00	5.60	4.88	4	4	5/16-18	56-1585	56-2020
7S5TS	63,50	2.500	88,90	3.500	15.38	9.50	5.63	6.13	5	5	1/2 - 13	56-1025	56-2125

NOTE: CSMS = Morse taper size.

■ Straight Flute Holders • Medium

medium	D1		D1 max		L	L1	L4 max	LS	CSMS system size	seat size	CS	insert screw	Torx wrench
	mm	in	mm	in									
7S0TM	12,93	.509	17,65	.695	8.46	5.52	3.20	3.13	2	0	8 - 32	56-1014	56-2017
7S1TM	17,53	.690	24,38	.960	10.68	6.99	4.43	3.88	3	1	1/4 - 20	56-1020	56-2028
7S1.5TM	21,82	.859	24,38	.960	10.68	6.80	4.35	3.88	3	1.5	1/4 - 20	56-1020	56-2028
7S2TM	24,41	.961	35,05	1.380	11.82	8.13	5.49	3.88	3	2	1/4 - 20	56-1018	56-2015
7S2.5TM-4MT	30,15	1.187	35,05	1.380	12.82	8.19	5.38	4.88	4	2.5	5/16-18	56-1018	56-2015
7S3TM	35,08	1.381	47,73	1.879	16.13	11.50	8.34	4.88	4	3	5/16-18	56-1585	56-2020
7S4TM	47,75	1.880	65,28	2.570	17.63	13.00	9.58	4.88	4	4	5/16-18	56-1585	56-2020
7S5TM	63,50	2.500	88,90	3.500	21.13	15.25	11.38	6.13	5	5	1/2 - 13	56-1025	56-2125
7S7TM	88,93	3.501	114,30	4.500	22.28	16.40	11.50	6.13	5	7	1/2 - 13	56-1025	56-2125

NOTE: CSMS = Morse taper size.