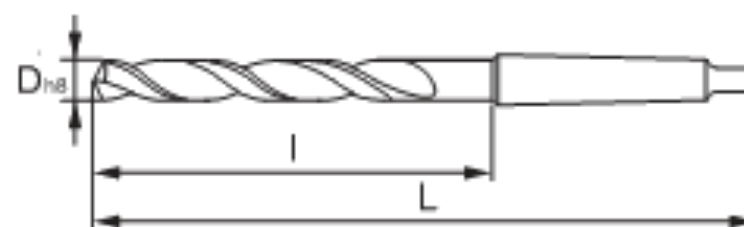


DRILLS MORSE TAPER SHANK



ITEM: A1510

Geometry Normal flute, right hand cut
Point angle 118°
Surface treatment Steam tempering
Application General application.



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●		○				●	○								

DRILL DIN 345

A1510	Tech. Code	D mm	L mm	CM		A1510	Tech. Code	D mm	L mm	CM	
HEX N/R	A15105	5.00	133	1	1	HEX N/R	A151020	20.00	238	2	1
	A15105,25	5.25	52				A151020,25	20.25	145		
	A15105,5	5.50	57				A151020,5	20.50	145		
	A15105,75	5.75	138				A151020,75	20.75	145		
	A15106	6.00	63				A151021	21.00	150		
	A15106,25	6.25	144				A151021,25	21.25	150		
	A15106,5	6.50	69				A151021,5	21.50	150		
	A15106,75	6.75	150				A151021,75	21.75	150		
	A15107	7.00	75				A151022	22.00	155		
	A15107,25	7.25	156				A151022,25	22.25	155		
	A15107,5	7.50	81				A151022,5	22.50	155		
	A15107,75	7.75	162				A151022,75	22.75	155		
	A15108	8.00	87				A151023	23.00	160		
	A15108,25	8.25	168				A151023,25	23.25	160		
	A15108,5	8.50	94				A151023,5	23.50	160		
	A15108,75	8.75	175				A151023,75	23.75	160		
	A15109	9.00	101				A151024	24.00	165		
	A15109,25	9.25	182				A151024,25	24.25	165		
	A15109,5	9.50	108				A151024,5	24.50	165		
	A15109,75	9.75	189				A151024,75	24.75	165		
	A151010	10.00	114				A151025	25.00	170		
	A151010,2	10.20	212				A151025,25	25.25	170		
	A151010,25	10.25	120				A151025,5	25.50	170		
	A151010,5	10.50	223				A151025,75	25.75	170		
	A151010,75	10.75	130				A151026	26.00	175		
	A151011	11.00	233				A151026,25	26.25	175		
	A151011,25	11.25	140				A151026,5	26.50	175		
	A151011,5	11.50	238				A151026,75	26.75	175		
	A151011,75	11.75	150				A151027	27.00	180		
	A151012	12.00	156				A151027,25	27.25	180		
	A151012,25	12.25	162				A151027,5	27.50	180		
	A151012,5	12.50	168				A151027,75	27.75	180		
	A151012,75	12.75	175				A151028	28.00	185		
	A151013	13.00	182				A151028,25	28.25	185		
	A151013,25	13.25	189				A151028,5	28.50	185		
	A151013,5	13.50	195				A151028,75	28.75	185		
	A151013,75	13.75	200				A151029	29.00	190		
	A151014	14.00	206				A151029,25	29.25	190		
	A151014,25	14.25	212				A151029,5	29.50	190		
	A151014,5	14.50	218				A151029,75	29.75	190		
	A151014,75	14.75	223				A151030	30.00	195		
	A151015	15.00	228				A151030,5	30.50	195		
	A151015,25	15.25	233				A151031	31.00	200		
	A151015,5	15.50	238				A151031,5	31.50	200		
	A151015,75	15.75	243				A151032	32.00	200		
	A151016	16.00	248				A151032,5	32.50	200		
	A151016,25	16.25	253				A151033	33.00	200		
	A151016,5	16.50	258				A151033,5	33.50	200		
	A151016,75	16.75	263				A151034	34.00	200		
	A151017	17.00	268				A151034,5	34.50	200		
	A151017,25	17.25	273				A151035	35.00	200		
	A151017,5	17.50	278				A151035,5	35.50	200		
	A151017,75	17.75	283				A151036	36.00	200		
	A151018	18.00	288				A151036,5	36.50	200		
	A151018,25	18.25	293				A151037	37.00	200		
	A151018,5	18.50	298				A151037,5	37.50	200		
	A151018,75	18.75	303				A151038	38.00	200		
	A151019	19.00	308				A151038,5	38.50	200		
	A151019,25	19.25	313				A151039	39.00	200		
	A151019,5	19.50	318				A151039,5	39.50	200		
	A151019,75	19.75	323				A151040	40.00	200		