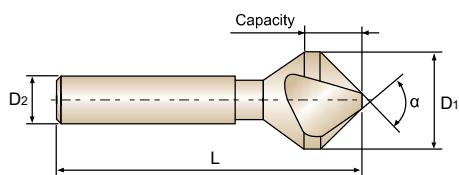


HSS COUNTERSINK



HSS

DIN
335C

Unit : mm

SDC No.	Point Angle	Cutter Diameter	Shank Diameter	Overall Length	Capacity
Vap	α	D1	D2	$L(\pm 1)$	min/max
IZ3139I0001	90°	4.3	4	40	1.3 - 4.3
IZ3139I0002	90°	5.0	4	40	1.5 - 5.0
IZ3139I0003	90°	6.0	5	45	1.5 - 6.0
IZ3139I0004	90°	6.3	5	45	1.5 - 6.3
IZ3139I0005	90°	7.0	6	50	1.8 - 7.0
IZ3139I0006	90°	8.0	6	50	2.0 - 8.0
IZ3139I0007	90°	8.3	6	50	2.0 - 8.3
IZ3139I0008	90°	10.0	6	50	2.5 - 10.0
IZ3139I0009	90°	10.4	6	50	2.5 - 10.4
IZ3139I0010	90°	11.5	8	56	2.8 - 11.5
IZ3139I0011	90°	12.4	8	56	2.8 - 12.4
IZ3139I0012	90°	15.0	10	60	3.2 - 15.0
IZ3139I0013	90°	16.5	10	60	3.2 - 16.5
IZ3139I0014	90°	19.0	10	63	3.5 - 19.0
IZ3139I0015	90°	20.5	10	63	3.5 - 20.5
IZ3139I0016	90°	23.0	10	67	3.8 - 23.0
IZ3139I0017	90°	25.0	10	67	3.8 - 25.0
IZ3139I0018	90°	30.0	12	71	4.2 - 30.0
IZ3139I0019	90°	31.0	12	71	4.2 - 31.0

○ EXCELLENT ○ GOOD

ISO	P										M			K						
	Non-alloy steel					Low alloy steel				High alloyed steel, and tool steel		Stainless steel			Grey cast iron		Nodular cast iron		Malleable cast iron	
Material Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VDI 3323	1	2	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		21
HRc		13																		
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommended	○	○	○	○	○	○														

ISO	N										S					H					
	Aluminum wrought alloy		Aluminum-cast, alloyed			Copper and Copper Alloys (Bronze / Brass)			Non Metallic Materials		Heat Resistant Super Alloys			Titanium Alloys		Hardened steel		Chilled Cast Iron	Hardened Cast Iron		
Material Description	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
VDI 3323	21	22	23	24	25	26	27	28	29	30											
HRc											15	30	25	38	34			55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended	○	○	○			○				○											





SPARE PARTS/

Spare Parts/486