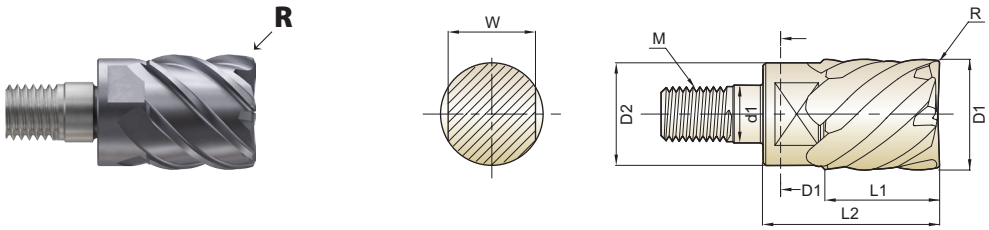
i-Smart MODULAR END MILLS

XSEME68 SERIES

CARBIDE MODULAR HEAD, 6 FLUTE 45˚ HELIX CORNER RADIUS

- Vollhartmetall, 6 Schneiden mit 45° und Eckradius
- CARBURE TÊTE MODULAIRE, 6 DENTS TORIQUE, HÉLICE À 45°
- TESTINA MODULARE IN MD, 6 TAGLIENTI, ELICA 45°, TORICA



CARBIDE | 6 | 45° | R ±0.015 | Y Coating | p.C82

Recommended ToolHolder: Plain Shank — POWER MILLING CHUCK / ER COLLET CHUCK

Unit : mm

EDP No.	Corner Radius	Mill Diameter	Neck Diameter	Length of Cut	Length Below Shank	Wrench Width	Coupling Diameter	Thread
Y-COATED	R	D_1	D_2	L_1	L_2	W	d_1	M
XSEME68100 030	R0.3	**10.0**	9.2	10	17.5	8	6.5	M6
XSEME68100 050	R0.5	**10.0**	9.2	10	17.5	8	6.5	M6
XSEME68100 100	R1.0	**10.0**	9.2	10	17.5	8	6.5	M6
XSEME68120 030	R0.3	**12.0**	11.2	12	20.5	10	6.5	M6
XSEME68120 050	R0.5	**12.0**	11.2	12	20.5	10	6.5	M6
XSEME68120 100	R1.0	**12.0**	11.2	12	20.5	10	6.5	M6
XSEME68160 050	R0.5	**16.0**	15.0	16	25.5	13	8.5	M8
XSEME68160 100	R1.0	**16.0**	15.0	16	25.5	13	8.5	M8
XSEME68160 150	R1.5	**16.0**	15.0	16	25.5	13	8.5	M8
XSEME68160 200	R2.0	**16.0**	15.0	16	25.5	13	8.5	M8
XSEME68200 050	R0.5	**20.0**	19.0	20	30.0	17	10.5	M10
XSEME68200 100	R1.0	**20.0**	19.0	20	30.0	17	10.5	M10
XSEME68200 150	R1.5	**20.0**	19.0	20	30.0	17	10.5	M10
XSEME68200 200	R2.0	**20.0**	19.0	20	30.0	17	10.5	M10
XSEME68250 050	R0.5	**25.0**	24.0	25	37.0	22	12.5	M12
XSEME68250 100	R1.0	**25.0**	24.0	25	37.0	22	12.5	M12
XSEME68250 150	R1.5	**25.0**	24.0	25	37.0	22	12.5	M12
XSEME68250 200	R2.0	**25.0**	24.0	25	37.0	22	12.5	M12
XSEME68300 050	R0.5	**30.0**	29.0	30	43.0	27	17.0	M16
XSEME68300 100	R1.0	**30.0**	29.0	30	43.0	27	17.0	M16
XSEME68300 150	R1.5	**30.0**	29.0	30	43.0	27	17.0	M16
XSEME68300 200	R2.0	**30.0**	29.0	30	43.0	27	17.0	M16
XSEME68320 050	R0.5	**32.0**	31.0	32	45.0	27	17.0	M16
XSEME68320 100	R1.0	**32.0**	31.0	32	45.0	27	17.0	M16
XSEME68320 150	R1.5	**32.0**	31.0	32	45.0	27	17.0	M16
XSEME68320 200	R2.0	**32.0**	31.0	32	45.0	27	17.0	M16

Radius Tolerance(mm)	Mill Dia. Tolerance(mm)
± 0.015	0 ~ - 0.03

◎ : Excellent ○ : Good

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

ISO	N										S							H			
Material Description	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
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
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
Recommend																		○	○	◎	○