

Tool selection Steel and cast iron

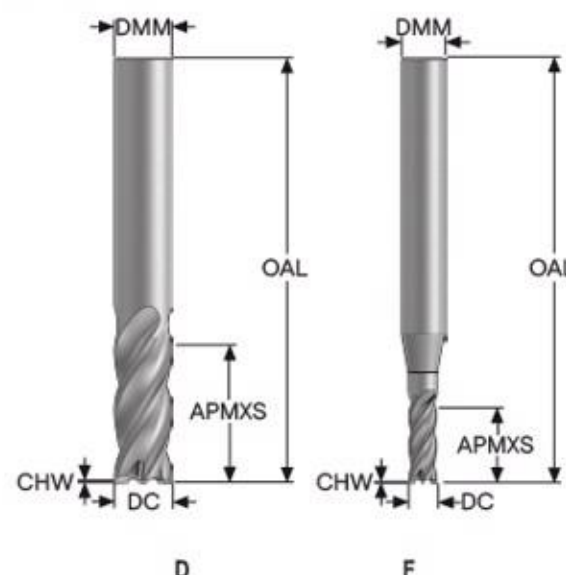
Universal					
					
Steel and cast iron	Name		JH112	JH150	JH160
	Page(s)		313, 513	516	518
Stainless steel and S-materials	Family name		HSM/TORNADO	HSM/TORNADO	HSM/TORNADO
	Type of mill				
Non ferrous	Shank	Cylindrical			
		Weldon			
	Number of Flutes		2	4	4
	CSP				
	Diameter range	Metric	2-12	6-12	3-12
		Inch			
Hard	Length availability		1,2,3,4,5,6	2	2
Plastic and cfrp	Operation				
					
Graphite	SMG				
	P1				●
	P2				●
	P3				●
	P4				●
	P5				●
	P6				●
	P7				●
X-Heads	P8				●
	P11-12				○
	K1		●	●	
	K2		●	●	
	K3		●	●	
	K4		●	●	
Minimaster	K5		●	●	
	K6		●	●	
	K7		●	●	

 Stock standard
  Weldon available, delivery time is 3 days.

 ● Preferred choice ○ Alternative choice

ST5541

High performance – Steel – Square – 4 Flutes – Cylindrical – Chamfer



- Tolerances:
- DMM=h5
- DC=e7
- Regrind possible if DC is $\geq \varnothing 6$



Designation	Grade	Item number	Length index	Tool shape	DC	DMM	APMXS	OAL	LN	DN	CHW	PCEDC	Shank	Stock standard
					mm	mm	mm	mm	mm	mm	mm			
ST5541-030F2C.0Z4	SIRA	10302942	2	F	3,0	6,0	7,0	58,0	10,638	3,127	0,035	4	Cylindrical	■
ST5541-040F2C.0Z4	SIRA	10302943	2	F	4,0	6,0	10,0	58,0	14,953	4,127	0,045	4	Cylindrical	■
ST5541-050F2C.0Z4	SIRA	10302944	2	F	5,0	6,0	12,0	58,0	17,334	5,127	0,055	4	Cylindrical	■
ST5541-060D2C.0Z4	SIRA	10302945	2	D	6,0	6,0	14,0	58,0	—	—	0,075	4	Cylindrical	■
ST5541-080D2C.0Z4	SIRA	10302946	2	D	8,0	8,0	18,0	64,0	—	—	0,1	4	Cylindrical	■
ST5541-100D2C.0Z4	SIRA	10302947	2	D	10,0	10,0	22,0	73,0	—	—	0,125	4	Cylindrical	■
ST5541-120D2C.0Z4	SIRA	10302948	2	D	12,0	12,0	26,0	84,0	—	—	0,15	4	Cylindrical	■
ST5541-160D2C.0Z4	SIRA	10302949	2	D	16,0	16,0	34,0	95,0	—	—	0,2	4	Cylindrical	■
ST5541-200D2C.0Z4	SIRA	10302950	2	D	20,0	20,0	42,0	109,0	—	—	0,25	4	Cylindrical	■
ST5541-250D2C.0Z4	SIRA	10302951	2	D	25,0	25,0	52,0	125,0	—	—	0,3	4	Cylindrical	■
ST5541-030F3C.0Z4	SIRA	10302952	3	F	3,0	6,0	9,0	58,0	12,683	3,127	0,035	4	Cylindrical	■
ST5541-040F3C.0Z4	SIRA	10302953	3	F	4,0	6,0	12,0	58,0	16,953	4,127	0,045	4	Cylindrical	■
ST5541-050F3C.0Z4	SIRA	10302954	3	F	5,0	6,0	15,0	58,0	20,334	5,127	0,055	4	Cylindrical	■
ST5541-060D3C.0Z4	SIRA	10302955	3	D	6,0	6,0	18,0	64,0	—	—	0,075	4	Cylindrical	■
ST5541-080D3C.0Z4	SIRA	10302956	3	D	8,0	8,0	24,0	73,0	—	—	0,1	4	Cylindrical	■
ST5541-100D3C.0Z4	SIRA	10302957	3	D	10,0	10,0	30,0	85,0	—	—	0,125	4	Cylindrical	■
ST5541-120D3C.0Z4	SIRA	10302958	3	D	12,0	12,0	36,0	100,0	—	—	0,15	4	Cylindrical	■
ST5541-160D3C.0Z4	SIRA	10302959	3	D	16,0	16,0	48,0	115,0	—	—	0,2	4	Cylindrical	■
ST5541-200D3C.0Z4	SIRA	10302960	3	D	20,0	20,0	60,0	125,0	—	—	0,25	4	Cylindrical	■
ST5541-250D3C.0Z4	SIRA	10302961	3	D	25,0	25,0	75,0	155,0	—	—	0,3	4	Cylindrical	■

■ Stocked standard.

Universal

Steel and cast iron

Stainless steel and S-materials

Non ferrous

Hard

Plastic and cfrp

Graphite

X-Heads

Minimaster