

XF Star 4 / 2 (≤ 60 HRC)

Flat End Mills - Regular Series



X
60
Series

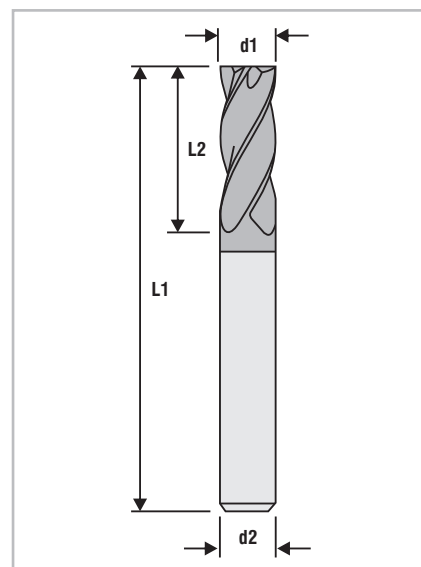
Article No.		Dimension (mm)					
4 Flute	2 Flute	Ø d1	Ø d2 h10	L2 h6	L1	AT-coated	
XF4-SEM 4010	XF4-SEM 2010	1	4	3	50	■	
XF4-SEM 4015	XF4-SEM 2015	1.5	4	4	50	■	
XF4-SEM 4020	XF4-SEM 2020	2	4	5	50	■	
XF4-SEM 4025	XF4-SEM 2025	2.5	4	7	50	■	
XF4-SEM 4030	XF4-SEM 2030	3	4	9	50	■	
XF3-SEM 4030	XF3-SEM 2030	3	3	9	50	■	
XF4-SEM 4040	XF4-SEM 2040	4	4	11	50	■	
XF6-SEM 4030	XF6-SEM 2030	3	6	9	50	■	
XF6-SEM 4040	XF6-SEM 2040	4	6	11	50	■	
XF6-SEM 4050	XF6-SEM 2050	5	6	13	50	■	
XF6-SEM 4060	XF6-SEM 2060	6	6	16	50	■	
XF8-SEM 4070	XF8-SEM 2070	7	8	18	60	■	
XF8-SEM 4080	XF8-SEM 2080	8	8	20	60	■	
XF10-SEM 4090	XF10-SEM 2090	9	10	23	75	■	
XF10-SEM 4100	XF10-SEM 2100	10	10	25	75	■	
XF12-SEM 4120	XF12-SEM 2120	12	12	30	75	■	
XF16-SEM 4130	XF16-SEM 2130	13	16	35	100	■	
XF16-SEM 4140	XF16-SEM 2140	14	16	35	100	■	
XF16-SEM 4150	XF16-SEM 2150	15	16	38	100	■	
XF16-SEM 4160	XF16-SEM 2160	16	16	40	100	■	
XF20-SEM 4180	XF20-SEM 2180	18	20	40	100	■	
XF20-SEM 4200	XF20-SEM 2200	20	20	45	100	■	
XF25-SEM 4220	XF25-SEM 2220	22	25	45	100	■	
XF25-SEM 4250	XF25-SEM 2250	25	25	45	100	■	

Steel	$R_m < 850$	■
	$R_m 850-1300$	■
	$R_m 1300-1500$	■
M	Stainless Steel	□
K	Cast Iron	■
N	Copper	□
S	Titanium	■
Hardened Steel	HRC 48-55	■
	HRC 56-60	■
	HRC > 65	

**AT
COATING**

$\lambda 35^\circ$

**SMG
0.4µm**



■ Available EX stock / subject to prior sale
SMG - Super-Fine Micron Grade

Tolerance	
Diameter	Range
$1 \leq d < 8$	0 / -0.02
$8 \leq d < 18$	0 / -0.03
$18 \leq d$	0 / -0.04

FLAT
End Mills