

TECHNICAL DATA | ZAMUS CLASSIC |

FA50x Series

Feed Rate	General Speed Cutting									
Work Material	Non-Alloyed Steels, Alloy Steels, Cast Iron		Alloy Steels, Heat Resistant Steels		Alloy Steels, Heat Resistant Steels		Hardened Steels			
Hardness	≤ 30 HRc		30 ~ 45 HRc		-		45 ~ 55 HRc		55 ~ 65 HRc	
Strength	~ 145,038lbf / inch ²		145,038 ~ 217,557lbf / inch ²		-		217,557 ~ 290,076lbf / inch ²		290,076lbf / inch ²	
Cutting Diameter(inch)	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
1/4	15,600	91.35	12,400	33.10	8,400	22.45	3,400	10.25	2,400	7.50
5/16	11,600	91.35	9,200	33.10	6,300	22.45	2,400	9.50	1,800	7.10
3/8	9,200	91.35	7,600	33.10	5,100	22.45	2,000	11.40	1,300	7.50
1/2	8,000	94.50	6,000	31.50	4,200	22.45	1,680	10.25	1,200	7.50
5/8	6,000	94.50	4,800	29.90	3,300	20.05	1,200	6.30	800	4.35
3/4	5,200	91.35	4,400	28.35	2,700	16.55	1,100	5.90	700	3.95
1	4,800	85.05	3,600	22.05	2,400	14.15	1,000	5.90	660	3.95

RPM = rev. / min.
FEED = inch / min.

