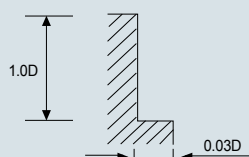


ZE712A Series

End Cutting	Side Milling											
Work Material	Hardened Steels Heat Resistant Steels		Hardened Steels									
Hardness	30 ~ 40 HRC		40 ~ 50 HRC		50 ~ 55 HRC		55 ~ 60 HRC		65 HRC		65 ~ 70 HRC	
Cutting Diameter(inch)	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
1/16	33,300	47.24	26,000	38.19	17,500	23.62	14,500	14.57	11,000	9.06	9,500	6.50
1/8	21,800	47.24	17,300	38.19	11,500	23.62	9,500	14.57	7,500	9.06	6,400	6.50
3/16	15,700	57.09	12,500	45.28	8,300	27.95	6,400	16.14	5,100	10.24	4,450	7.48
1/4	13,100	53.15	10,350	43.31	6,900	27.17	5,300	15.75	4,200	10.04	3,700	7.28
5/16	9,880	51.97	7,800	40.55	5,200	25.00	4,000	14.37	3,200	9.25	2,800	6.69
3/8	7,800	47.24	6,150	38.19	4,100	23.23	3,200	13.39	2,550	8.66	2,200	6.30
1/2	6,650	47.24	5,250	38.19	3,500	23.23	2,650	13.39	2,100	8.66	1,860	6.30

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



End Cutting	Slotting											
Work Material	Hardened Steels Heat Resistant Steels		Hardened Steels									
Hardness	30 ~ 40 HRC		40 ~ 50 HRC		50 ~ 55 HRC		55 ~ 60 HRC		65 HRC		65 ~ 70 HRC	
Cutting Diameter(inch)	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED	RPM	FEED
1/16	33,300	33.46	26,000	26.77	17,500	16.54	14,500	13.39	2,100	8.66	1,860	6.30
1/8	21,800	33.46	17,300	26.77	11,500	16.54	9,500	11.81	1,600	7.48	1,400	5.51
3/16	15,700	39.37	12,500	31.69	8,300	19.69	6,400	11.22	5,100	7.09	4,450	5.20
1/4	13,100	37.40	10,350	30.31	6,900	18.90	5,300	11.02	4,200	7.09	3,700	5.12
5/16	9,880	36.61	7,800	28.35	5,200	17.52	4,000	10.04	3,200	6.50	2,800	4.72
3/8	7,800	33.46	6,150	26.77	4,100	16.34	3,200	9.45	2,550	6.10	2,200	4.41
1/2	6,650	33.46	5,250	26.77	3,500	16.34	2,650	9.45	2,100	6.10	1,860	4.41

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

