

G-FUNCTION

STANDARD G CODE	SPECIAL G CODE	GROUP	FUNCTION
#G00 G01 G02 G03	G00 G01 G02 G03	01	Positioning (Rapid feed) Straight interpolation Circular interpolation (CW) Circular interpolation (CCW)
G04	G04	00	Dwell
G20 #G21	G20 G21	06	Data input (inch) Data input (mm)
#G22 G23	G22 G23	04	Stored distance limit is effective (Spindle interference check ON) Stored distance limit is ineffective (Spindle interference check OFF)
G27 G28 G29 G30	G27 G28 G29 G30	00	Machine reference return check Automatic reference return Return from reference To 2nd reference return
#G32	G33	01	Thread process
G40 G41 G42	G40 G41 G42	07	Cancel of compensation Compensation of the left Compensation of right
G50 G70 G71 G72 G73 G74 G75 G76	G92 G70 G71 G72 G73 G74 G75 G76	00	Creation of virtual coordinate/Setting the rotating time of principal spindle Compound repeat cycle(Finishing cycle) Compound repeat cycle(Stock removal in turning) Compound repeat cycle(Stock removal in facing) Compound repeat cycle(Pattern repeating cycle) Compound repeat cycle(Peck drilling in Z direction) Compound repeat cycle(Grooving in X direction) Compound repeat cycle(Thread process cycle)
G90 G92 G94	G77 G78 G79	01	Fixed cycle(Process cycle in turning) Fixed cycle(Thread process cycle) Fixed cycle(Facing process cycle)
G96 #G97	G96 #G97	02	Control the circumference speed uniformly(mm/min) Cancel the uniform control of circumference speed. Designate r.p.m
G98 #G99	G94 #G95	05	Designate the feedrate per minute(mm/min) Designate the feedrate per the rotation of principal spindle(mm/rev.)
- -	G90 G91	03	Absolute programming Incremental programming

Note) 1. # mark instruction is the modal indication of initial condition which is immediately available when power is supplied.

2. In general, the standard G code is used in lathe, and it is possible to select the special G code according to setting of parameters.

Fanuc Ot G Codes

Jin-Ying Zhang



Fanuc Ot G Codes:

Decoding **Fanuc Ot G Codes**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Fanuc Ot G Codes**," a mesmerizing literary creation penned with a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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