



IL PROGETTO DI E-LEARNING DI MITSUBISHI ELECTRIC
PER LA FORMAZIONE TECNICA E PROFESSIONALE NELLE SCUOLE

Modulo specialistico di:

Automazione Industriale - Percorso CNC

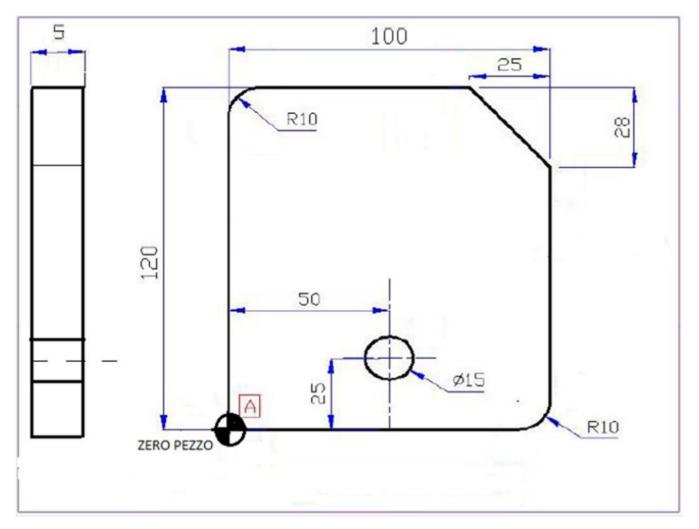
Attività di SMARTWORKING: dalla teoria alla pratica

ALLEGATO B - DOCENTE - ESEMPIO PROGRAMMA ISO





Programma ISO per la contornatura e foratura del pezzo AcadeMy



G90 G54

T01 M6 G43H1

S1500 M3

G0 X200 Y100 Z100

G41 G0 X0 Y0 Z2 F100 M8

G1 7-15

G1 X0 Y110

G2 X10 Y120 R10

G1 X75

G1 X100 Y92

G1 Y10

G2 X90 Y0 R10

G1 X0

G0 Z100 M05 M9

T02 M6 G40

M3 S1500 G43H2

G0 X50 Y25 Z2

G1 Z-20 M8 F100

G0 Z100 M05

G0 X200 Y100 M9

M30

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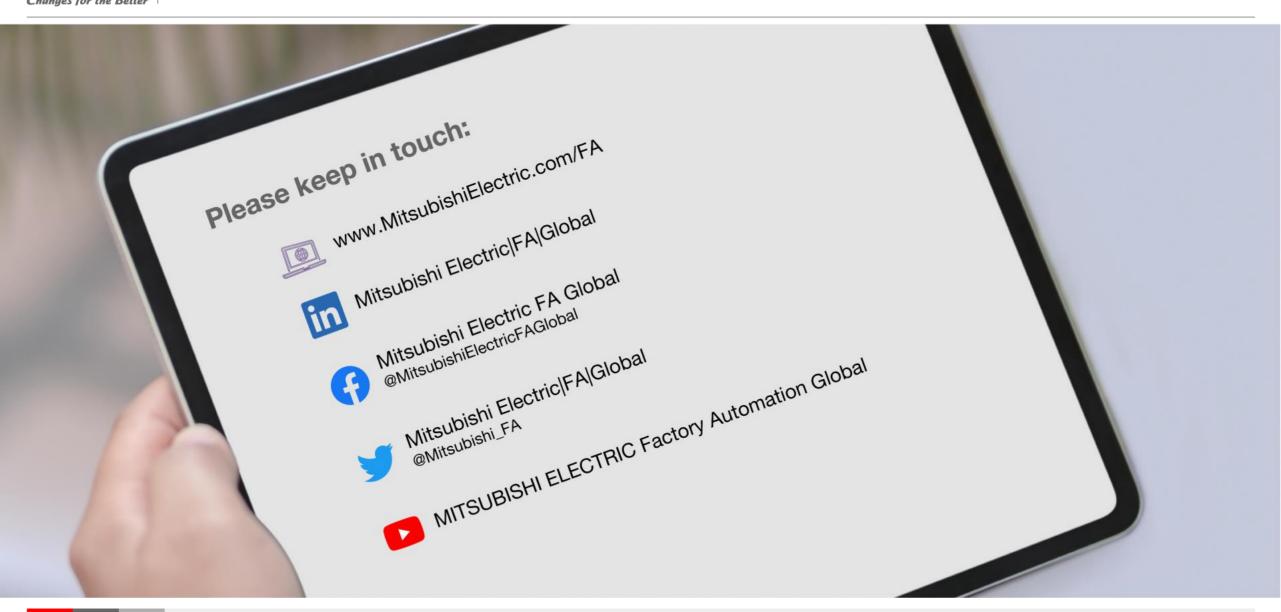


Programma ISO: descrizione delle funzioni utilizzate



G90 G54 (G54=1° origine/G90=coord. Assolute T01 M6 G43H1 (richiamo ut. 1, M6= commando cambio ut. G43 H= compensaz. lunghezza) S1500 M3 (giri mandrino = 1500, M3 = giri mandrino orario) G0 X200 Y100 7100 (G0=movimento rapido) (G41 D1= compensaz, raggio ut., F=velocità avanzam., M8 refrigenrante on) G41 D1 G0 X0 Y0 Z2 F100 M8 G1 7-15 (G1=lavorazione lineare) G1 X0 Y110 (G1=lavorazione lineare) G2 X10 Y120 R10 (G2=interpolazione oraria raggio 10) G1 X75 (G1=lavorazione lineare) G1 X100 Y92 (G1=lavorazione lineare) G1 Y10 (G1=lavorazione lineare) G2 X90 Y0 R10 (G2=interpolazione oraria raggio 10) G1 X0 (G1=lavorazione lineare) G0 7100 M05 M9 (G0=movimento rapido, M05=stop mandrino, M9=stop refrigerante) T02 M6 G40 (richiamo ut. 2, M6= commando cambio ut. G40 cancellazione compensaz.) (giri mandrino =1500, M3= mandrino orario, G43 H= compensaz, lunghezza) M3 S1500 G43H2 G0 X50 Y25 Z2 (G0=movimento rapido) G1 Z-20 M8 F100 (G1=lavorazione lineare M8=refrigerante on, F100=vel avanzamento.) G0 7100 M05 (G0=movimento rapido, M05=stop mandrino) G0 X200 Y100 M9 (G0=movimento rapido, M09=stop refrigerante.) M30 (fine programma)







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