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gas metal arc welding gmaw is a high speed economical process that is sometimes referred to as metal inert gas mig welding figure 1 in this process an arc is struck between the base metal and a continuously supplied consumable electrode which provides filler metal for the weld 2 the electrode is bare containing no coating or core, mig gmaw binzel abicor com - metal inert gas welding mig welding is a metal shielding gas welding process gmaw with inert gas in which the light arc burns between a continuously fed melting wire electrode and the material the melting electrode supplies the additive material for forming the weld mig welding can be used simply and economically with nearly all materials that are suitable for welding, lincoln electric pulsed gmaw user manual pdf download - page 1 pulsed gmaw process pulsed mig welding systems from welding and especially automated valley also improved manufacturing the lincoln electric company the welding have been key elements in delivery times and reduced inventories move to automation has resulted in, mig welding how to mig weld process overview and - 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