

WELDING SYMBOLS

A QUICK-REFERENCE GUIDE

ARROW SIDE	OTHER SIDE	SYMBOL	NAME
			Fillet Weld
			Square Groove Weld
			Plug Weld
			Spot Weld

SYMBOL	WELD

Designation of Welding processes by letters	
CAW	Carbon-Arc welding
CW	Cold Welding
DB	Dip Brazing
DF	Diffusion Welding
EBW	Electro Beam Welding
EW	Electroslag Welding
EXW	Explosion Welding
FB	Furnace Brazing
FCAW	Flux-Cored Arc Welding
FOW	Forge Welding
FRW	Friction Welding
GMAW	Gas Metal-Arc Welding
GTAW	Gas Tungsten-Arc Welding
IB	Induction Brazing
IRB	Infrared Brazing
IW	Induction Welding
LBW	Laser Beam Welding
OAW	Oxyacetylene Welding
OHW	Oxyhydrogen Welding
PAW	Plasma-Arc Welding
PEW	Percussion Welding
PGW	Pressure Gas Welding
RB	Resistance Brazing
RPW	Projection Welding
RSEW	Resistance-Seam Welding
RSW	Resistance-Spot Welding
SAW	Submerged-Arc Welding
MAW	Shielded Metal-Arc Welding
SW	Stud Welding
TB	Torch Brazing
TW	Thermit Welding
USW	Ultrasonic Welding
UW	Upset Welding

TYPES OF JOINTS				
Butt Joint	Tee Joint	Edge Joint	Lap Joint	Corner Joint

FINISHING & OTHER SYMBOLS						
Convex	Concave	Field Welding	Flat	Weld All-around	Bevel Groove	V-Groove Weld

