

# TECHNICAL GUIDE

## 040A10 / EN2A Half Hard Round and Square Edges

### Steel Description

040A10 / EN2A is a bright cold rolled mild steel that is supplied with round or square edges. The material has been annealed prior to cold rolling so that it is in a HALF HARD STATE to make it suitable for bending applications, where surface finish and corners are important. Typical uses are in the babypram business, point of sale displays in shops, portable furniture and any display / structure that needs a good surface base on which to paint or coat, and where for personal safety reasons, round edges are required.

BS970: 1955	BS970: 1991	COLOUR CODE	DESCRIPTION
Half hard round and square edges	040A10	WHITE	Bright cold rolled mild steel

CHEMICAL ANALYSIS	
Car	0.08 / 0.13
Mang	0.30 / 0.50

INTERNATIONAL SPECIFICATION COMPARISON	
BRITISH BS 970:1991	040A10
BRITISH BS 970:1955	Half hard round and square edges
GERMAN DIN	CK10
FRENCH AFNOR	
SWEDISH SS	1311
AMERICAN SAE	1015
EUROPEAN STEEL NO.	1.0301
EUROPEAN STEEL NAME	C10
EUROPEAN STANDARD	EN10277-2

QUICK VIEW SYSTEM	
MACHINEABILITY	100
WELDABILITY	Good
HARDENABILITY	Poor
SELECTION GUIDE AND USAGE EXAMPLES	Cold formed components where surface finish, corners and bendability are important

SIZE RANGE SUMMARY			
	Flats	IMP	1/2 x 1/8" - 1"x1/4"

SEE STOCK RANGE FOR SPECIFIC SIZES.