

ISO 3076:2012-06 (E)

Round steel short link chains for general lifting purposes - Medium tolerance sling chains for chain slings - Grade 8

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General conditions of acceptance	1
5	Dimensions	1
5.1	Nominal size, dn	1
5.2	Material diameter and tolerance	3
5.3	Weld diameter	4
5.4	Length dimensionally affected by welding	4
5.5	Pitch	4
5.6	Width	4
6	Material and manufacture	4
6.1	Quality of material	4
6.2	Heat treatment	5
6.3	Working load limits (WLLs)	5
6.4	Mechanical properties	6
7	Verification of safety requirements	10
7.1	Size of lot and selection of samples	10
7.2	Manufacturing proof force, breaking force and total ultimate elongation	10
7.3	Bend deflection	10
7.4	Toughness of chain test material	11
8	Marking	12
8.1	Grade marking	12
8.2	Identification marking	12
8.3	Inspection marking	12
9	Manufacturer's certificate	12
Annex A (informative) Bases for calculation		13
Annex B (informative) Mass of sling chains		16
Annex C (informative) Designation system		17
Bibliography		18