

DEK STANDARD ENGINEERING INSTRUCTION

Title

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TOOL STEEL

DSM217

PREFERRED
BS 4659: 1989 (B01)

ALTERNATIVE
TYPE 01 TOOL STEEL

Type of Steel

Carbon, Chromium, Manganese, Oil Hardening Alloy Tool Steel (Annealed)
High grade electrically melted tool steel possessing excellent dimensional stability with freedom from distortion in Heat Treatment. The manganese content permits deep hardening and the chromium controls grain growth. Suitable for press tools, blanking dies, gauges, jig bushes etc.

General Stock Sizes

Imperial:	Rounds	1/4" to 8"
	Square	1/2" to 4"
	Flat	1" x 1/2" to 12" x 2"

Heat Treatment

Annealing	760/780°C
Hardening in Oil	780/820°C
Tempering	150/300°C

Typical Hardness Figures

Annealed Hardness	HB Max 229
Hardness	HV Min 735

Supplier:
Macreadys

Issue	01	02	03	04	05	06	07	08
DCR	7135	30040						