

2738 ISO-BM

SEL	40CrMnNiMo8-6-4
DIN EN ISO 4957	40CrMnNiMo8-6-4
AFNOR	4CMND8
AISI	~P20 + Ni
BS	~P20 + Ni

Chemische Zusammensetzung (Massenanteile in %)
 Chemical analysis (percentage by mass)
 Analyse chimique (pourcentage pondéral)

	C	Si	Mn	P	S	Cr	Ni	Mo
Richtwerte	0,36	0,30	1,50	0,020	0,003	2,00	1,00	0,20
Typical values								
Analyse de réf.								
Norm	0,35-	0,20-	1,30-	≤	≤	1,80-	0,90-	0,15-
Standard	0,45	0,40	1,60	0,030	0,030	2,10	1,20	0,25

Characteristics

Standard mould steel for all kinds of dimensions, Nitridable, hard-chrome platable, flame harden able and grain-reliable as supplied.

Application

Plastic molds:

Compression and injection moulds, such as bumpers, instrument panels, chairs, garbage Containers, bottle crates, TV cabinets, etc.

Forging Industry:

Cassettes, Die holders that have non-critical designs.

Auxiliary equipments in Hammer like Sow blocks.

Sizes:

Rounds: (all dimensions in MM)

Dia 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 and 110 mm.

Flats: Format thickness x Width – all dimensions in MM).

Width → Thickness ↓	160	200	260	300	350	400	500	600	800	1010	1210	1510
20	√	√	√	√	√	√	√	√	√	√	√	
30	√	√	√	√	√	√	√	√	√	√	√	
40	√	√	√	√	√	√	√	√	√	√	√	
50	√	√	√	√	√	√	√	√	√	√	√	
65	√	√	√	√	√	√	√	√	√	√	√	
80	√	√	√	√	√	√	√	√	√	√	√	
105				√				√			√	
130								√				
150				√		√	√	√	√			
180						√	√	√	√	√	√	
200		√				√	√	√	√	√	√	
230			√	√		√	√	√	√	√	√	
250								√	√	√	√	√
280								√	√	√	√	√
310								√	√	√	√	√
350								√	√	√	√	√
400									√	√	√	√
450									√	√	√	√
500										√	√	√
600										√	√	
700										√		
800										√	√	
1010										√	√	

√ MEANS AVAILABILITY OF SECTION