

ES Aktuell

1.2311 quenched and tempered
40 CrMnMo 7

Tensile strength:
950 - 1100 N/mm²

Also available in EST grade.

Characteristic or application:
quenched and tempered plastic
mould steel for thicknesses over 400 mm
(for greater thicknesses we recommend
Mat. 1.2738), good polishability, ES EST
with better graining properties.

Diameter in mm	Availability: peeled or machined												
20.5	36	51	66	81	101	131	161	192	222	272	323	403	
26	41	56	71	86	111	141	172	202	232	282	353		
31	46	61	76	91	121	151	182	212	252	303	383		

Thickness in mm	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	100	110	120	130
30	50	40	200	50	1010	60	1010	80	1010	80	1010	100	1010	160	160	300	150	800	
40	60	50	250	60	1250	80	1250	100	1250	100	1250	100	1250	200	200	400	200	1010	
50	80	60	300	80	2000	100	2000	120	2000	160	2000	130	2000	250	250	500	250	1250	
60	100	80	1010	100	120	130	200	160	300	300	550	300	2000						
80	160	100	1250	120	130	160	250	200	350	350	600	350							
100	200	130	2000	130	160	200	300	250	400	400	800	400							
120	250	160	160	200	250	350	300	450	400	600	2000	550							
160	300	200	200	250	300	400	350	450	400	600	2000	550							
200	350	250	250	300	350	450	400	500	450	600	2000	550							
250	500	300	300	350	400	500	450	500	450	600	2000	550							
300	800	350	350	400	450	500	600	500	500	600	2000	550							
500	1010	400	400	450	500	600	1250	600	2000	2000	1250	1010							
1010	1250	500	450	500	600	1250	600	2000	2000	1250	1010								
1250	2000	600	500	600	800	2000	800												
2000	1010	600	1010	1010															
		1250	800	1250	1250														
		2000	1010	2000	2000														
			1250																
			2000																

10



We can saw from larger stock to meet your particular dimensional requirements at short notice.

ES Aktuell

1.2311 quenched and tempered
40 CrMnMo 7

Also available in EST grade.

Characteristic or application:

quenched and tempered plastic
mould steel for thicknesses up to 400 mm
(for greater thicknesses we recommend
Mat. 1.2738), good polishability, ES EST
most suitable for graining.

Tensile strength:
950 - 1100 N/mm²

Thickness in mm	140	150	160	175	185	195	205	215	225	235	245	255	265	275	285	305	315	325	335
	250	300	350	800	700	800	400	805	605	805	805	805	805	805	805	505	1010	805	805
	300	400	400	1010	800	1010	450	905	805	905	905	905	1010	1010	1010	805	1250	1010	1010
	350	450	500	1250	1010	1250	500	1010	905	1010	1010	1010	1250	1250	1250	905	1600	1250	1250
	400	500	600	2000	1250	2000	600	1250	1010	1250	1250	1250	1600	1600	1600	1010		1600	1600
	450	600	800		2000		800	1600	1250	1600	1600	1600				1250			
	500	800	1010				1010		1600							1600			
	550	1010	1250				1250												
	600	1250	2000				2000												
	800	2000																	
	1010																		
	1250																		
	2000																		

Thickness in mm	355	375	405
	805	805	805
	1010	1010	1010
	1250	1250	1250
	1600	1600	1600

Square in mm	30	40	50	60	70	80	90	100