

# ES Aktuell S

1.2312 quenched and tempered  
40 CrMnMoS 8-6

Tensile strength:  
950-1100 N/mm<sup>2</sup>

*Characteristic or application:*  
quenched and tempered plastic mould  
steel for mould frames and plates,  
excellent machineability

Diameter in mm	Availability: peeled or machined															
20.5	36	51	66	81	101	131	161	192	222	252	303	373	423	503	603	753
26	41	56	71	86	111	141	172	202	232	272	323	383	453	523	653	803
31	46	61	76	91	121	151	182	212	242	282	343	403	483	553	703	853

Thickness in mm	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120
30	50	40	200	50	200	60	200	80	300	80	300	100	400	160	300	160	160	160	160
40	60	50	250	60	250	80	250	100	350	100	400	120	500	200	400	200	200	200	200
50	80	60	300	80	300	100	300	120	400	160	600	130	600	250	600	250	250	250	250
60	100	80	350	100	350	120	350	130	450	200	800	160	800	300	800	300	300	300	300
80	160	100	400	120	400	130	400	160	500	250	1010	200	1010	350	1010	350	350	350	350
100	165	130	450	130	450	160	450	200	600	300	1250	250	1250	400	1250	400	400	400	400
160	200	160	500	160	500	200	500	250	800	350	2000	300	2000	450	2000	450	450	450	450
200	215	200	600	200	800	250	600	300	1010	400	350	500	500	500	500	500	500	500	500
250	225	225	1010	250	1010	300	800	350	1250	450	400	550	550	550	550	550	550	550	550
300	250	250	1250	275	1250	350	1010	400	2000	500	450	600	600	600	600	600	600	600	600
350	275	275	2000	300	2000	400	1250	450	550	500	800	700	800	700	800	700	800	700	800
400	300	300	325	450	2000	500	600	550	1010	800	1250	1010	1250	1010	800	1010	800	1010	800
450	350	325	350	500	550	650	600	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010
500	400	350	375	550	600	800	650	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250
1010	450	400	400	600	650	1010	700	1250	800	1250	800	2000	1250	2000	1250	2000	1250	2000	1250
1250	500	450	425	800	700	1250	800	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250
2000	600	500	450	1010	800	2000	1010	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000
	1010	600	500	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010
	1250	800	550	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250
	2000	1010	600	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250
		1250	800	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250
		2000	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010	1250	1010
			1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250
				2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250	2000	1250

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

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Characteristic or application:

quenched and tempered plastic mould steel for mould frames and plates, highest machineability

Thickness in mm	130	140	150	160	175	185	195	205	215	225	235	245	255	265	275	285	295	305	315
	200	200	200	250	400	400	400	400	500	505	805	505	505	805	805	605	805	505	805
	250	250	250	300	450	450	450	450	550	605	905	605	605	905	905	805	905	605	905
	300	300	300	350	500	500	500	500	600	805	1010	805	805	1010	1010	905	1010	805	1010
	350	350	350	400	550	550	550	550	805	905	1250	905	905	1250	1250	1010	1250	905	1250
	400	400	400	450	600	600	600	600	905	1010	1600	1010	1010	1600	1600	1250	1450	1010	1600
	450	450	450	500	800	800	800	700	1010	1250		1250	1250			1600	1600	1250	
	500	500	500	550	1010	905	905	800	1250	1600		1600	1600					1600	
	550	550	550	600	1250	1010	1010	905	1600	1850			1850					1850	
	600	600	600	700	2000	1250	1250	1010	1850										
	800	700	700	800		2000	2000	1250											
	1010	800	800	1010				2000											
	1250	1010	1010	1250															
	2000	1250	1250	2000															
	2000	2000																	

Thickness in mm	325	335	345	355	365	375	385	405	425	455	475	505	525	555	575	605	655	705	755
	805	805	805	810	810	810	810	905	1010	1010	1010	1010	1010	1250	1250	1250	1250	1250	1250
	905	905	905	905	1010	1010	1010	1010	905	1010	1250	1250	1250	1250	1250	1600	1600	1600	1600
	1010	1010	1010	1010	1250	1250	1250	1250	1010	1250	1450	1600	1600	1600	1600				
	1250	1250	1250	1250	1600	1600	1600	1600	1250	1450	1600	1850		1850					
	1450	1600	1600	1600				1850	1600	1600									
	1600		1850					1850											

Square in mm	30	40	50	60	70	80	90	100