

## 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,  
highest machineability

Diameter in mm	Availability: peeled or machined																		
	20,5	26	31	36	41	46	51	56	61	66	71	76	81	86	91	101	111	121	131
	141	151	161	172	182	192	202	212	222	232	242	252	272	282	303	323	353	373	383
	403	423	453	483	503	523	553	603	653	703	753	803	853						

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

Thickness in mm	140	150	160	175	185	195	205	215	235	255	275	305	325	355	375	405	425	455	475	505
200	200	250	400	400	400	400	500	805	505	805	505	805	810	810	905	905	1010	1010	1010	
250	250	300	450	450	450	450	550	905	605	905	605	905	905	905	1010	1010	1010	1010	1250	
300	300	350	500	500	500	500	600	1010	805	1010	805	1010	1010	1250	1250		1250	1600		
350	350	400	550	550	550	550	805	1250	905	1250	905	1250	1250	1600	1600		1450	1850		
400	400	450	600	600	600	600	905	1600	1010	1600	1010	1450	1600		1850		1600			
450	450	500	800	800	800	700	1010		1250		1250	1600								
500	500	550	1010	905	905	800	1250		1600		1600									
550	550	600	1250	1010	1010	905	1600		1850		1850									
600	600	700	2000	1250	1250	1010	1850													
700	700	800		2000	2000	1250														
800	800	1010			2000															
1010	1010	1250																		
1250	1250	2000																		
2000																				

Thickness in mm	555	605	655	705	755
1250	1250	1250	1250	1250	
1250	1600	1600	1600	1600	
1600					
1850					