

Eigenschaftsmerkmale von Kaltarbeitsstählen

Propriétés des aciers pour travail à froid

Marke Marque	Verschleiss- widerstand <i>Résistance à l'usure</i>	Zähigkeit <i>Ténacité</i>	Druckbelastbarkeit <i>Résistance à la compression</i>	Massänderungs- verhalten <i>Variation dimensionnelle</i>	Bearbeitbarkeit weichgeglüht <i>Usinabilité à l'état recuit</i>
K390 MICROCLEAN					
K107					
K110					
K340					
K890 MICROCLEAN					
K305					
K245					
K455					
K460					
K510					
K600					
K605					
K720					
W360 ISOBLOC					

Konventionelle Stahlherstellung

Elaboration conventionnelle

Stahl-Marke <i>Marque d'acier</i>	Werkstoff-Nr. <i>N° de matière</i>	Kurzname <i>Désignation symbolique</i>	Güte-Norm <i>Norme d'élaboration</i>	Lagerprogramm <i>Programme du stock</i>	Seite <i>Page</i>
K107	1.2436	X210CrW12	EN ISO 4957		4.7
K110	1.2379	X153CrMoV12	EN ISO 4957		4.11
K305	1.2363	X100CrMoV5	EN ISO 4957		4.15
K340					4.17
K340 ISODUR (ESU)					4.17
K245	1.2101	62SiMnCr4	SEL		4.14
K455	~ 1.2550	~ 60WCrV8	~ EN ISO 4957		4.21
K460	1.2510	100MnCrW4	SEL		4.22
K510	1.2210	115CrV3	SEL		4.25
K600	1.2767	45NiCrMo16	EN ISO 4957		4.26
K605	~ 1.2721	~ 50NiCr13			4.27
K720	1.2842	90MnCrV8	EN ISO 4957		4.28
K945 V945	1.1730 1.1191	C45U C45E	EN ISO 4957 EN 10083-2		7.11
W360 ISOBLOC (ESU)					6.7







































Pulvermetallurgische Stahlherstellung

Elaboration par la métallurgie des poudres

K 390 MICROCLEAN					4.19
K 890 MICROCLEAN					4.30






Konventionelle Stahlherstellung

Elaboration conventionnelle

Stahl-Marke Marque d'acier	Werkstoff-Nr. N° de matière	Kurzname Design. symbol.	Güte-Norm Norme d'élaboration	Abmessungsbereich Dimensions mm
K100	1.2080	X210Cr12	EN ISO 4957	 10 – 453  25 × 4 – 400 × 80  16 – 200  1.5 – 40
K105	1.2601	X165CrMoV12	SEL	 15.5 – 182
K107	1.2436	X210CrW12	EN ISO 4957	 20.5 – 202  12.4 – 80.4 × 40.4 – 250.4  12.4 – 50.4
K110	1.2379	X153CrMoV12	EN ISO 4957	 14.5 – 151.5  30 × 10 – 600 × 150  20 – 200  4.4 – 150.4 × 25.4 – 250.4  10.4 – 150.4  1.5 – 55
K245	1.2101	62SiMnCr4	SEL	 16 – 150
K340 ISODUR (ESU)				 10.3 – 553  40 × 25 – 503 × 253  30 – 100
K353				 20.5 – 182  6 × 105 – 60 × 300
K360 ISODUR (ESU)				 20.5 – 453  60 × 20 – 403 × 202
K455	~ 1.2550	~ 60WCrV8	~ EN ISO 4957	 10 – 151.5
K460	1.2510	100MnCrW4	SEL	 10 – 383  25.4 × 9.5 – 304.8 × 50.8  16 – 127  3.4 – 80.4 × 10.4 – 250.4  10.4 – 100.4
K510	1.2210	115CrV3	SEL	 3 – 30
K600	1.2767	45NiCrMo16	EN ISO 4957	 25.5 – 252.5  160 × 30 – 810 × 260
K605	~ 1.2721	~ 50NiCr13		 15 – 200  80 × 70 – 100 × 80  50 – 80
K720	1.2842	90MnCrV8	EN ISO 4957	 10 – 403  25 × 8 – 400 × 50  16 – 150  1.5 – 15

Pulvermetallurgische Stahlherstellung

Elaboration par la métallurgie des poudres

K390 MICROCLEAN				 15.5 – 202  303 × 60.8 – 373 × 343  1.3 – 50.5
K890 MICROCLEAN				 15.5 – 202  15.5 – 50.5