

Werkstoffauswahl

Schlüssel	Bezeichnung	Werkstoff-Nr.	Gehäuse	Scheibe	Welle
A,a	EN-GJL-250 (GG-25)	EN-JL-1040	(X)	X	-
B,b	EN-GJS-400-18 (GGG-40.3)	EN-JS 1020	X	X	-
C,c	AC - AlSi 12 (Cu)	3.2583	X	X	-
D,d	AC - AlSi 12 (Cu) / PA 12* beschichtet	3.2583	-	X	-
E,e	EN-GJS-400-15 (GGG-40)	EN-JS1030	X	X	
F,f	St 37-2 (S 235 JR)	1.0037	X	X	-
G,g					
H,h	Edelstahl X2 CrNiMoN 18-14-3	1.4435	X	X	X
I,i	Edelstahl X1 CrNiMoCuN 25-20-7	1.4529	X	X	X
J,j	St 52-3 (S 355 J2G3)	1.0570	X	X	-
K,k					
L,l			-	-	-
M,m	Edelstahl X 20 Cr 13	1.4021	-	-	X
N,n	Edelstahl X 5 CrNi 18-10	1.4301	X	X	X
O,o	Hitzebeständiger Stahl bis 900 °C X 15 CrNiSi 20-12	1.4828	X	X	X
P,p	Hitzebeständiger Stahl bis 1000 °C X 15 CrNiSi 25-20	1.4841	X	X	X
R,r	Edelstahl X 6 CrNiMoTi 17-12-2 Als Gußwerkstoff GX 5 CrNiMo 19-11-2	1.4571 1.4410 / 1.4581	X -	X X	X -
S,s	Warmfester Baustahl bis 550 °C 16 Mo 3 / 15 Mo 3	1.5415	X	X	-
T,t	Hitzebeständiger Stahl bis 800 °C X 12 CrNiTi 18-9 ; X 8 CrNiTi 18-10	1.4878	X	X	X
U,u					
V,v	EN-GJS-400-15 (GGG-40) / E-CTFE* beschichtet		-	X	-
W,w	EN-GJS-400-18 (GGG-40.3) / E-CTFE* beschichtet		-	X	-
X,x	Sonstiges				
Y,y					
Z,z					

*) E-CTFE = Ethylen-Chlortrifluor-Copolymer / Halar®

*) PA12 = Polyamid 12 / VESTOSINT®

Andere Werkstoffe und Beschichtungen auf Anfrage.

Technische Weiterentwicklung und Änderung der Daten vorbehalten.

Stand: 04.2003

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Material selection

Code	Designation	Material-no.	Body	Disc	Shaft
A,a	EN-GJL-250 (GG-25)	EN-JL-1040	(X)	X	-
B,b	EN-GJS-400-18 (GGG-40.3)	EN-JS 1020	X	X	-
C,c	AC - AISi 12 (Cu)	3.2583	X	X	-
D,d	AC - AISi 12 (Cu) / PA 12* coated	3.2583	-	X	-
E,e	EN-GJS-400-15 (GGG-40)	EN-JS1030	X	X	
F,f	St 37-2 (S 235 JR)	1.0037	X	X	-
G,g					
H,h	Stainless steel X2 CrNiMoN 18-14-3	1.4435	X	X	X
I,i	Stainless steel X1 CrNiMoCuN 25-20-7	1.4529	X	X	X
J,j	St 52-3 (S 355 J2G3)	1.0570	X	X	-
K,k					
L,l			-	-	-
M,m	Stainless steel X 20 Cr 13	1.4021	-	-	X
N,n	Stainless steel X 5 CrNi 18-10	1.4301	X	X	X
O,o	Heatproof steel – 900 °C X 15 CrNiSi 20-12	1.4828	X	X	X
P,p	Heatproof steel – 1000 °C X 15 CrNiSi 25-20	1.4841	X	X	X
R,r	Stainless steel X 6 CrNiMoTi 17-12-2 As cast material GX 5 CrNiMo 19-11-2	1.4571 1.4410 / 1.4581	X -	X X	X -
S,s	Creep-resistant structural steel – 500 °C 16 Mo 3 / 15 Mo 3	1.5415	X	X	-
T,t	Heatproof steel – 800 °C X 12 CrNiTi 18-9 ; X 8 CrNiTi 18-10	1.4878	X	X	X
U,u					
V,v	EN-GJS-400-15 (GGG-40) / E-CTFE* coated		-	X	-
W,w	EN-GJS-400-18 (GGG-40.3) / E-CTFE* coated		-	X	-
X,x	Other				
Y,y					
Z,z					

*) E-CTFE = Ethylene chlorotrifluoroethylene / Halar®

*) PA 12 = Polyamide 12 / VESTOSINT®

Other materials and coatings on request.

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Valid as of 04.2003

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