

# Table of Materials

## Face Materials

( position 1 and 2 )\*

Code	Type of Material	
<b>STK</b> EN12756	<b>CAR - Carbon</b>	
CA	A	Carbon antimony
CAX		Carbon Antimony-Inserted
CR	B	Carbon resin
CRX		Carbon Resin-Inserted
CB	B5	Carbon Hot pressed
C4	B4	Carbon / Dry work
<b>SS - Stainles Steel</b>		
4	F	304 (1.4301)
4L	F	304L (1.4313)
6	G	316 (1.4401)
6L	G	316L (1.4404)
3		431 (1.4057)
NI	S	Ni-Resist
<b>TC - Tungsten Carbide</b>		
TC	U1	C. Tungsten Cobalt
TCX	U12	C. Cobalt-Inserted Tungsten
TN	U2	C. Tungsten Nickel
TNX	U22	C. Nickel-Inserted Tungsten
<b>SIC - Silicon Carbide</b>		
SS	Q1	C. Sintered Silicon
SSX	Q12	C. Sintered-inserted silicon
SB	Q2	C. Silicon with free SiC
SBX	Q22	C. Silicon with free-inserted SiC
SC	Q3	C. Silicon with Graphite
SCX	Q3	C. Silicon with Graphite-inserted
<b>CER - Oxides</b>		
A9	V1	Al-Oxide >99%
A5	V2	Al-Oxide >96%
X	X	Steatite
<b>PTFE - Plastics</b>		
P1	Y1	PTFE fiberglass
P2	Y2	PTFE with carbon fiber

## Elastomers Materials

( position 3 )\*

Code	Type of Material	
<b>STK</b> EN12756	<b>Elastomers</b>	
P	P	NBR
E	E	EPDM
V	V	FKM
K	K	FFKM
M1	M1	FEP-FKM
M2	M2	FEP-EPDM
H		HNBR
S	S	VMQ - SILICONE
N	N	CR2- NEOPRENE
A		AFLAS -
M3	M3	FEP-VMQ
X	X	X - OTHER
<b>NO Elastomers</b>		
G	G	Graphite / GRAF
T	T	PTFE
T2	T2	PTFE reinforced fiberglass
T3	T3	PTFE reinforced Graphite fiber

## Metal parts

Materials ( position 4-5 )\*

Code	Type of Material	
<b>STK</b> EN12756	<b>Springs / Metal Parts</b>	
2		302 (1.4310)
5		440B (1.4122)
4	F	304 (1.4301)
4L	F	304L (1.4313)
6	G	316 (1.4401)
6L	G	316L (1.4404)
6T		316Ti (1.4571)
8		Duplex (1.4462 / UNSS31803)
S8		Super Duplex (1.4410 / UNSS32760)
3		431 (1.4057)
M	M	Hastelloy C4-C276 (2.4610/2.4819)
M6	M6	Inconel 718 (2.4668)
T		Pure titanium (3.7035)
T6		AM350 (UNS35000)
7		17-7 (UNSS1770)
<b>Groups (position 4+5)</b>		
B	FF	304/304
G	GG	316/316L
H	MG	C276-C4/316L

## Example Mechanical Seal Designation

