







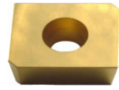


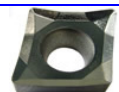


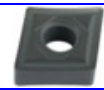




















































# PASTILHAS Metalduro AMOVIVEIS FREZAR-SANGRAR-ROSCAR-TORNEAR






2012

 <b>ADMT</b>			 <b>ADMW</b>			 <b>APFT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
150308	70ADMTE		150308E	70ADMWE		1604PDTR	70APFTF4	
1503PDER	70ADMTEP		150308F	70ADMWEF				
 <b>ADMW-C</b>			 <b>ADMW-R</b>			 <b>APHT-AL</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
1503R1.0-C			1503R1.0			1003PDFR-AL	70APHTALA	
1503R1.5-C			1503R1.5			1604PDFR-AL	70APHTALF	
1503R2.0-C			1503R2.0					
1503R2.5-C			1503R2.5					
1503R3.0-C			1503R3.0					
1503R3.5-C			1503R3.5					
1503R4.0-C			1503R4.0					
1503R4.5-C			1503R4.5					
1503R5.0-C			1503R5.0					
1503R6.0-C								
 <b>APKT</b>			 <b>APLT</b>			 <b>APLX</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
1003PDTR	70APKTA		1504ZZR			1504ZZR		
1604PDR	70APKTF							
160408E-26								
 <b>APMT</b>			 <b>APMW</b>			 <b>CCGT-AL</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
1604PDER			200408E			060202-AL	70CCGT62	
200408			200408F			060204-AL	70CCGT64	
						09T302-AL	70CCGT92	
						09T304-AL	70CCGT94	
						09T308-AL	70CCGT98	
						120402-AL	70CCGTC2	
						120404-AL	70CCGTC4	
						120408-AL	70CCGTC8	
 <b>CCMT</b>			 <b>CCMW</b>			 <b>CNGP</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
060202-03	70CCMT62		060202			120404	70CNGPC4	
060204-03	70CCMT64		060204			120408	70CNGPC8	
060204-03	70CCMT64P		080304					
080304-03	70CCMT84		09T304					
080308-03	70CCMT88		09T308					
09T304-03	70CCMT94		120408					
09T308-03	70CCMT98							
120408-03	70CCMTC8							
 <b>CNMA</b>			 <b>CNMG</b>			 <b>CNMM</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
120408	70CNMAC8		090304CMR	70CNMG94		120408	70CNMMC8	
120408	70CNMAC8K		090308CMR	70CNMG98		120412	70CNMMC8	
			120404CF	70CNMGC4		160612	70CNMMFC	
			120408CMR	70CNMGC8		190608	70CNMMI8	
			120412CMR	70CNMGCC		190612	70CNMMIC	
			160608-CR	70CNMGFB				
			160612-CR	70CNMGFC				
			190612-CR	70CNMGIC				
			190616-CR	70CNMGIF				

 <b>CPMT</b>			 <b>DCGT-AL</b>			 <b>DCMT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
060304	6018CPMT6		070202-AL	70DCGT72		070204-03	70DCMT74	
			070204-AL	70DCGT74		11T304-03	70DCMTB4	
			11T302-AL	70DCGTB2		11T308-03	70DCMTB8	
			11T304-AL	70DCGTB4		150408-03		
			11T308-AL	70DCGTB8				
 <b>DCMW</b>			 <b>DNGP</b>			 <b>DNMA</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
11T304			150404	70DNGPE4		150608	70DNMAE8	
11T308			150408	70DNGPE8		150612	70DNMAEC	
150408								
 <b>DNMG</b>			 <b>DNMX</b>			 <b>ECMT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
110404CMR	70DNMGB4		150604R22			060204		
110408CMR	70DNMGB8		150608R22			080304		
150408CMR	70DNMGE4					120404		
150608CMR	70DNMGE8					120408		
150612CMR	70DNMGEC					120412		
190608CMR								
190612CMR								
 <b>EPMT</b>			 <b>HPEW</b>			 <b>KNUX</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
080302-30			090408	6017HPEW98H9		160405L-21	70KNUXF5	
080304-30			90408	6018HPEW98R9		160405R-21	70KNUXF5L	
080308-30						160410L-21	70KNUXFA	
						160410R-21	70KNUXFAL	
 <b>LCMX</b>			 <b>LDHT</b>			 <b>LDHW</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
03.03.08	70LCMX03		100204ER	6018LDHTA29G		100204ER	6018LDHWA4G	
04.03.08-53	70LCMX48		15T3PDSR	6018LDHTE29G		15T308ER	6017LDHWE8H9	
						15T308SR	6018LDHWEG4	
 <b>LEHT</b>			 <b>LPHT</b>			 <b>LDMX</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
08.T1.04ER	6018LEHTG		20.04.08ER	6018LPHT29G4		30FR-GMS	6414LDMXR	
 <b>LNUX</b>			 <b>LFMX</b>			 <b>ODMT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
191940SN-DB	6006LNUX		2	91LFMX2		040408		
			3	91LFMX3		060512		
			4	91LFMX4				
			5	91LFMX5				
			6	91LFMX6				
 <b>ODMW</b>			 <b>R</b>			 <b>RCGT-AL</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
medidas	Ref.	€	medidas	Ref.	€	medidas	Ref.	€
040408			R06E-06.02	6018R06WS		06.02.MOEN	6008RCGT6	
060512			R10D-06.02	6018R10WS		0803M0-AL	70RCGT08	
			R10D-06.02	6018R10ZG		1003M0-AL	70RCGT10	
			R16D-10.T3	6018R16WS				

 <b>RCMT</b>			 <b>RCMX</b>			 <b>RDHW</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
0602M0	70RCMT06		10T3	91RCMX10		0702M0		
0803M0	70RCMT08		1204	91RCMX12		1003M0		
1003M0	70RCMT10		1606	91RCMX16		12T3M0		
10T3M0	70RCMT10T		2006	91RCMX20		1604M0		
1204M0	70RCMT12		2507	91RCMX25		2006M0		
1606M0-30			3209	91RCMX32				
2606M0-30								
 <b>RDMT</b>			 <b>RDMW</b>			 <b>RNMG</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
10T3M0			0702M0			090300	70RNMG09	
1204M0			1003M0			120400	70RNMG09	
12T3M0			12T3M0			150600		
1604M0			1204M0			190600		
			1604M0			250900		
			2006M0					
 <b>RPMT</b>			 <b>RPGT</b>			 <b>SCGT-AL</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
0803-MO	91RPMT08		0602-MO	91RPGT06		09T304-AL		
1003-MO	91RPMT10		0803-MO	91RPGT08		09T308-AL		
10T3-MO	91RPMT10T		10T3-MO	91RPGT10		120408-AL		
1204-MO	70RPMT12		1204-MO	91RPGT12				
 <b>SCMT</b>			 <b>SCMX</b>			 <b>SDHT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
09T304-03	70SCMT94		12.04.08EN	6008SCMXC8		1204AE	6018SDHTC	
09T308-03	70SCMT98					1504AE	6018SDHTF	
120404-39	70SCMTC4							
120408-39	70SCMTC8							
120412-39	70SCMTCC							
 <b>SDMT</b>			 <b>SEFT</b>			 <b>SEHT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
0703	6018SDMT7		1204AFEN	91SEFTC		1204AFEN	91SEHTEN	
12T308	70					1204AFSN	91SEHTSN	
1205	6018SDMTC5							
 <b>SEHX</b>			 <b>SEKN</b>			 <b>SEKR</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
1204AFSN	91SEHXS		1203AFSN	70SEKNC3		1203AFEN	70SEKRC3	
			1204AFSN	70SEKNC4				
			1504AFSN	70SEKNE4				
 <b>SEKW</b>			 <b>SNKN</b>			 <b>SNHX</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
1504AFEN	91SEKWS		1204ENN	70SNKNC4		1102XX	70SNHXB2	
						1203XX		
 <b>SNMA</b>			 <b>SNMG</b>			 <b>SNMM</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
12.04.04	70SNMAC4		12.04.04	70SNMGC4		19.06.12	70SNMMIC	
12.04.08	70SNMAC8		12.04.08	70SNMGC8		19.06.16	70SNMMIF	
12.04.12	70SNMACC		12.04.12	70SNMGCC		25.07.24	70SNMMXX	
			15.06.12	70SNMGEC				
			19.06.16	70SNMGIF				
			25.09.24	70SNMGXX				

 <b>SNUN</b>			 <b>SPKN</b>			 <b>SPMR</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
12.04.08 12.04.12	70SNUNC8 70SNUNCC		1203EDSR 1504EDSR	70SPKNC3 70SPKNE4		090308 120304 120408	70SPMR98 70SPMRC4 70SPMRC8	
 <b>SPMT</b>			 <b>SPUN</b>			 <b>TCMT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
060304 070308 090308 120408	70SPMT64 70SPMT78 70SPMT98 70SPMTC8		09.03.04 09.03.08 12.03.04 12.03.08 15.04.08 15.04.12 19.04.12	70SPUN94 70SPUN98 70SPUNC4 70SPUNC8 70SPUNE8 70SPUNEC 70SPUNIC		09.02.04 11.02.04 16.T3.04 16.T3.04 16.T3.08 22.04.08	70TCMT94 70TCMTB4 70TCMTF4 70TCMTF4P 70TCMTF8 70TCMTV8	
 <b>TCMX</b>			 <b>TNJN TNGA</b>			 <b>TNMA</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
16.04.04 16.04.08 16.04.12 22.04.08	6008TCMXF4 6008TCMXF8 6008TCMXFC 6008TCMXV8		12.04.AN 12.04.AN	70TNJNCU7 70TNGAF8		16.04.08 16.04.12 22.04.08 22.04.12	70TNMAF4 70TNMAF8 70TNMAV8 70TNMAVC	
 <b>TNMG</b>			 <b>TNUN</b>			 <b>TPAN</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
11.03.04 16.04.04 16.04.08 16.04.12 22.04.04 22.04.08 22.04.12	70TNMGB4 70TNMGF4 70TNMGF8 70TNMGFC 70TNMGV4 70TNMGV8 70TNMGVC		16.03.08 16.03.12 22.04.12	91TNUNF8 91TNUNFC 91TNUNVC		11.03PP 16.03.PP	70TPANBS2 6017TPANF	
 <b>TPGN</b>			 <b>TPKN</b>			 <b>TPKR</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
11.02.08	70TPGNB8		1103PPSN 1603PDSR 1603PDER 2204PDSR 2204PDER	70TPKNB3P 70TPKNF3 70TPKNF3K 70TPKNV4 70TPKNV4K		1603PPSR 2204PDSR	70TPKRF 70TPKRV	
 <b>TPKW</b>			 <b>TPMR</b>			 <b>TPUN</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
2204-PD	6018TPKW		09.02.04 11.03.04 11.03.08 16.03.04 16.03.08 16.03.12	70TPMR94 70TPMRB4 70TPMRB8 70TPMRF4 70TPMRF8 70TPMRFC		11.03.04 11.03.04 11.03.08 11.03.08 16.03.04 16.03.04 16.03.08 16.03.08 16.03.08 22.04.08 22.04.08 22.04.12	70TPUNB4 70TPUNB4P 70TPUNB8 70TPUNB8P 70TPUNF4 70TPUNF4K 70TPUNF8 70TPUNF8K 70TPUNV8 70TPUNV8P 70TPUNVCP	
 <b>VBMT</b>			 <b>VCGT</b>			 <b>VCMT</b>		
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet
16.04.04 16.04.08	70VBMTF4 70VBMTF8		11.03.04 16.04.04 16.04.08	70VCGTB4 70VCGTF4 70VCGTF8		11.03.04 13.03.04 16.04.04	70VCMTB4 70VCMTD4 70VCMTF4	

 <b>WCGT</b>			 <b>WCMT</b>			 <b>WCMX</b>			
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	revestida	Sem revest.	cermet	
030204	70WCGT34		04.02.04	70WCMT44		03.02.08	70WCMX03		
06T302	70WCGT63					04.02.08	70WCMX04		
							05.03.08	70WCMX05	
							06.T3.08	70WCMX06	
						08.04.12	70WCMX08		
 <b>WNMG</b>			 <b>WPHT</b>						
revestida	Sem revest.	cermet	revestida	Sem revest.	cermet				
06.04.04	70WNMG64		0603PDSR	6018WPHT					
06.04.08	70WNMG68								
08.04.04	70WNMG84								
08.04.08	70WNMG88								