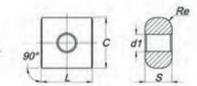


# Turning program for the railway industry

## LNUX-T Inserts | Pastilhas | Plaquitas

Tangential 90° Negative | Tangencial 90° Negativa | Tangencial 90° Negativa

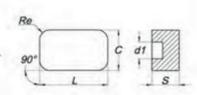


Inserts Pastilhas Plaquitas	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)					Cutting Conditions Condições de Corte					
			PH5706	PH5115	PH5125	L	C	Re	S	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
LNUX-RMM-T Medium	1121953	LNUX 191940-RMM-T	○	○	○	19,05	19,05	4,0	10,0	6,35	2,50	1,60	8,00	0,80	0,30	1,50
	1122005	LNUX 301940-RMM-T	○	○	○	30,00	19,05	4,0	12,0	6,35	4,50	1,60	13,00	0,80	0,30	1,50
LNUX-RRM-T Roughing	1120404	LNUX 191940-RRM-T	○	○	○	19,05	19,05	4,0	10,0	6,35	5,50	2,50	10,00	1,00	0,80	1,50
LNUX-RHR-T Heavy Roughing	1191628	LNUX 191940-RHR-T	○	○	○	19,05	19,05	4,0	10,0	6,35	5,50	2,50	10,00	1,20	0,50	1,80
	1191969	LNUX 301940-RHR-T	○	○	○	30,00	19,05	4,0	12,0	6,35	6,50	3,00	15,00	1,20	0,50	1,80

Stock items / Itens de stock Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

## LNUX Inserts | Pastilhas | Plaquitas

Rectangular 90° Negative | Rectangular 90° Negativa | Rectangular 90° Negativa



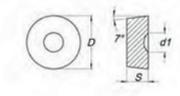
Inserts Pastilhas Plaquitas	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)					Cutting Conditions Condições de Corte					
			PH5706	PH5115	PH5125	L	C	Re	S	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
LNUX-RMM Medium	1123640	LNUX 321248-RMM	○	○	○	31,75	19,05	4,76	12,7	7,87	3,00	1,50	18,00	0,80	0,30	1,50
LNUX-RRM Roughing	1123639	LNUX 321248-RRM	○	○	○	31,75	19,05	4,76	12,7	7,87	3,00	1,50	18,00	1,00	0,80	1,50
LNUX-RHR Heavy Roughing	1123643	LNUX 321248-RHR	○	○	○	31,75	19,05	4,76	12,7	7,87	3,00	1,50	18,00	1,20	0,50	1,80

Stock items / Itens de stock Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

# Turning program for the railway industry

## RCMR Inserts | Pastilhas | Plaquitas

Round R° Positive | Redonda R° Positiva | Redonda R° Positiva

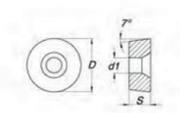


Inserts Pastilhas Plaquitas	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)			Cutting Conditions Condições de Corte					
			PH5706	PH5115	PH5125	D	S	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
RCMR-RR Roughing to Medium	1122009	RCMR 2507M0-RR	○	○	○	25,00	7,94	9,0	5,00	3,20	8,00	1,80	0,80	2,50
	1122008	RCMR 3209M0-RR	○	○	○	32,00	9,52	12,0	6,50	3,20	13,00	1,80	0,80	2,50

Stock items / Itens de stock Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

## RCMX Inserts | Pastilhas | Plaquitas

Round R° Positive | Redonda R° Positiva | Redonda R° Positiva

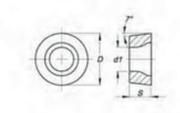


Inserts Pastilhas Plaquitas	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)			Cutting Conditions Condições de Corte					
			PH5706	PH5115	PH5125	D	S	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
RCMX-RM Roughing to Medium	1123678	RCMX 3209M0-RM	○	○	○	32,00	9,52	9,5	6,50	3,20	13,00	1,80	0,80	2,50
RCMX-RR Roughing to Medium	1123667	RCMX 2507M0-RR	○	○	○	25,00	7,94	7,20	5,00	3,20	8,00	1,80	0,80	2,50
	1123666	RCMX 3209M0-RR	○	○	○	32,00	9,52	9,50	6,50	3,20	13,00	1,80	0,80	2,50
RCMX-ST Roughing to Medium	1121428	RCMX 2006M0-ST	○	○	○	20,00	6,35	6,50	5,00	2,00	8,00	0,63	0,20	2,00
	1121429	RCMX 2507M0-ST	○	○	○	25,00	7,94	7,20	6,30	2,50	10,00	0,79	0,25	2,50
	1121430	RCMX 3209M0-ST	○	○	○	32,00	9,52	9,50	8,00	3,20	12,80	1,01	0,32	3,20

Stock items / Itens de stock Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

## RCMT Inserts | Pastilhas | Plaquitas

Round R° Positive | Redonda R° Positiva | Redonda R° Positiva



Inserts Pastilhas Plaquitas	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)			Cutting Conditions Condições de Corte					
			PH5706	PH5115	PH5125	D	S	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
RCMT-ST Roughing to Medium	1120390	RCMT 2006M0-ST	○	○	○	20,00	6,35	6,50	4,00	2,00	8,00	0,45	0,13	0,63

Stock items / Itens de stock Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

# Tools Solutions for Railway Industry



PromoMKT\_01\_14\_EUR

## Tools solutions for the railway industry

Palbit is constantly investing in new technologies, research and development of cutting tools to best suit the railway industry.

We supply total tooling solutions based on wide experience and know-how for achieving high efficiency machining on rail separators, crossings, joints, wheels and more..

Palbit has a wide range of solutions that suit the demand of the industry. Milling solutions available for the profiling of rail machining with extreme strength and reliability for rough machining.

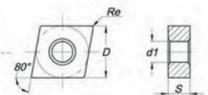
Insert type drills for machining bolt holes that connect the rails.

Grooving & parting off tools are also available for the splitting off the rails.

## Turning program for the railway industry

CN  Inserts | Pastilhas | Plaquitas

Rhombic 80° Negative | Rômbica 80° Negativa | Rómbica 80° Negativa

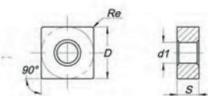


Inserts Pastilhas Plaquitas	① Geometry Code	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)				Cutting Conditions Condições de Corte						
				MO	L7	L8	MO	D	S	Re	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
	CNMM-HY	1121608	CNMM 190612-HY	CNMM 643-HY	⊕	⊕	⊕	19,050	6,35	1,20	7,94	6,00	2,00	12,00	0,50	0,35	0,80
		1121252	CNMM 190616-HY	CNMM 644-HY	⊕	⊕	⊕	19,050	6,35	1,60	7,94	6,00	2,00	12,00	0,60	0,35	1,00
		1121434	CNMM 190624-HY	CNMM 646-HY	⊕	⊕	⊕	19,500	6,35	2,40	7,94	6,00	2,00	12,00	0,60	0,35	1,20
	Heavy to Roughing	1121248	CNMM 250924-HY	CNMM 866-HY	⊕	⊕	⊕	25,400	9,52	2,40	9,12	8,00	2,50	15,00	0,70	0,40	1,40
		1121607	CNMM 190612-HZ	CNMM 643-HZ	⊕	⊕	⊕	19,050	6,35	1,20	7,94	10,00	2,40	12,00	0,65	0,50	0,80
	CNMM-HZ	1121251	CNMM 190616-HZ	CNMM 644-HZ	⊕	⊕	⊕	19,050	6,35	1,60	7,94	10,00	2,40	12,00	0,80	0,50	1,10
		1121435	CNMM 190624-HZ	CNMM 646-HZ	⊕	⊕	⊕	19,050	6,35	2,40	7,94	10,00	3,20	12,00	1,00	0,60	1,60
		1121247	CNMM 250924-HZ	CNMM 866-HZ	⊕	⊕	⊕	25,400	9,52	2,40	9,12	10,00	3,20	17,00	1,00	0,60	1,60

⊕ Stock items / Itens de stock ○ Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

SN  Inserts | Pastilhas | Plaquitas

Square 90° Negative | Quadrada 90° Negativa | Escuadra 90° Negativa



Inserts Pastilhas Plaquitas	① Geometry Code	ISO Ref.	ANSI Ref.	Grades			Dimensions (mm) Dimensões (mm)				Cutting Conditions Condições de Corte						
				MO	L7	L8	MO	D	S	Re	d1	ap (mm)	Min	Max	f <sub>n</sub> (mm/rev)	Min	Max
	SNMM-HY	1121606	SNMM 190612-HY	SNMM 643-HY	⊕	⊕	⊕	19,050	6,35	1,20	7,94	6,00	2,00	12,00	0,60	0,35	0,90
		1121250	SNMM 190616-HY	SNMM 644-HY	⊕	⊕	⊕	19,050	6,35	1,60	7,94	6,00	2,00	12,00	0,60	0,35	1,20
		1121452	SNMM 190624-HY	SNMM 646-HY	⊕	⊕	⊕	19,050	6,35	2,40	7,94	6,00	2,00	12,00	1,00	0,60	1,60
	Heavy to Roughing	1121160	SNMM 250724-HY	SNMM 856-HY	⊕	⊕	⊕	25,400	7,94	2,40	9,12	8,50	2,50	15,00	1,00	0,60	1,60
		1121161	SNMM 250924-HY	SNMM 866-HY	⊕	⊕	⊕	25,400	9,52	2,40	9,12	8,50	3,00	15,00	1,00	0,60	1,60
	SNMM-HZ	1121605	SNMM 190612-HZ	SNMM 643-HZ	⊕	⊕	⊕	19,050	6,35	1,20	7,94	10,00	2,40	13,00	0,60	0,35	0,90
		1121249	SNMM 190616-HZ	SNMM 644-HZ	⊕	⊕	⊕	19,050	6,35	1,60	7,94	10,00	2,40	13,00	0,60	0,35	1,20
		1121440	SNMM 190624-HZ	SNMM 646-HZ	⊕	⊕	⊕	19,050	6,35	2,40	7,94	10,00	3,20	13,00	1,00	0,60	1,60
		1121158	SNMM 250724-HZ	SNMM 856-HZ	⊕	⊕	⊕	25,400	7,94	2,40	9,12	10,00	3,20	17,00	1,00	0,60	1,60
		1121159	SNMM 250924-HZ	SNMM 866-HZ	⊕	⊕	⊕	25,400	9,52	2,40	9,12	10,00	3,20	17,00	1,00	0,60	1,60

⊕ Stock items / Itens de stock ○ Available under request / Disponibilidade sob consulta / Disponível bajo consulta  
Insert Order Code = (1) Geometry Code + (2) Grade Code

