

A close-up photograph of a lathe cutting tool in the process of machining a metal workpiece. The tool is positioned at an angle, and the workpiece is rotating, creating a smooth, cylindrical surface. The background is dark, highlighting the metallic surfaces and the cutting process.

IG TURN PARTING & GROOVING

2023

This is For You!!

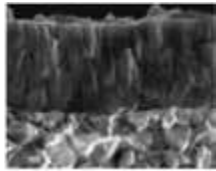
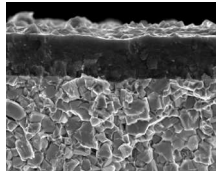
PROMOTION

Parting & Grooving Inserts Overview
Parting & Grooving Holders

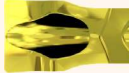
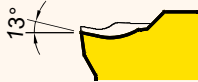
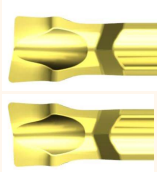


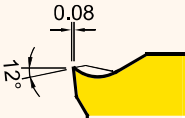
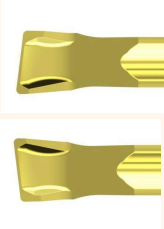
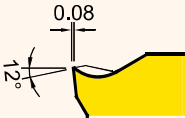


Parting & Grooving Overview

Parting & Groove Turn Grades

Parting and Grooving Grades		P Steel				M Stainless steel				K Cast iron			N Non Ferrous		S Super Alloy	
		P10	P20	P30	P40	M10	M20	M30	M40	K10	K20	K30	N10	N20	S10	S20
PVD	YG602G (YG602)		602G				602G				602G					602G
	YG603						603									

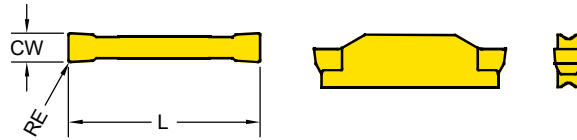
<p>YG602G (YG602)</p> <p>P20 - P35 M20 - M40 K20 - K40 S15 - S25</p>	<p>PVD - TiAlN</p> 	<p>Universal grade for Parting & Groove Turn</p> <ul style="list-style-type: none"> • Ultra Dense PVD Coating with optimal thermal resistance & strength • Sub-Micron substrate designed for demanding application • YG602G : First Choice for Low Cutting Speed, Soft and Sticky Material with Low Hardness • YG602 : First Choice for General Application
<p>YG603</p> <p>P35 - P45 M25 - M40</p>	<p>PVD - TiAlN</p> 	<p>New Parting grade for Stainless steel</p> <ul style="list-style-type: none"> • New PVD-Coating Technology • Ultra high toughness substrate and strong adhesion • Excellent cutting edge strength and chipping resistance guarantee stable machinability and stable tool life for stainless steel and mild steel

Parting & Grooving Chipbreakers

TDP			• Parting & Grooving (Positive)
TDPR TDPL			• Parting & Grooving (Positive)
TDN			• Parting & Grooving (General)
TDNR TDNL			• Parting & Grooving (General)
TDY			• Turning, Parting & Grooving

Parting & Grooving - Inserts

Parting & Grooving Inserts



Series	L	CW
TD* 2	20	2
TD* 3	20	3
TD* 4	20	4
TD* 5	20	5
TD* 6	20	6

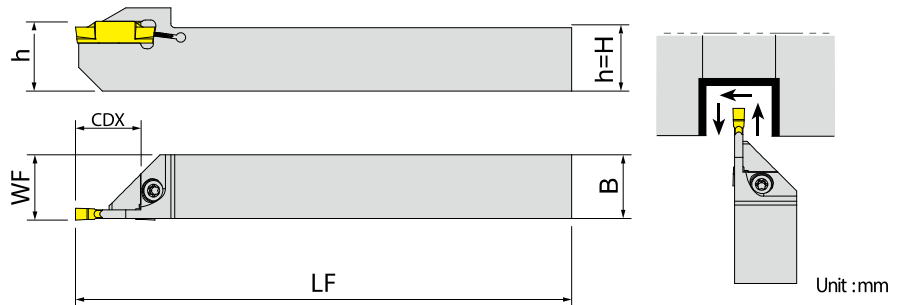
* CDX : Cutting Depth Maximum

● : Stock item

● : NEW ITEM 2023

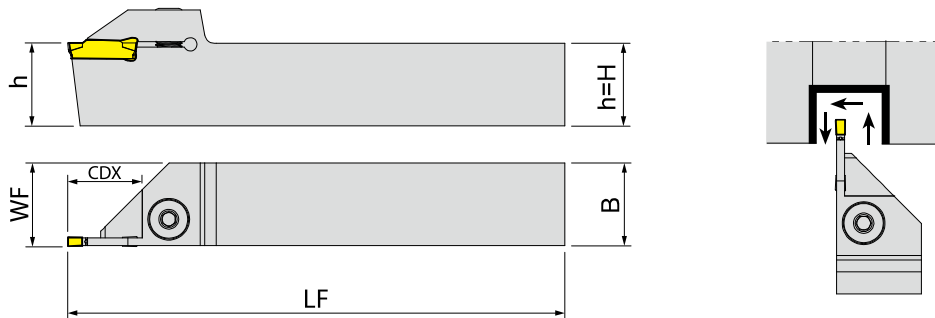
TD.	Designation	RE	Parting & Grooving		Turning		EDP 5200..			PVP	
			Fn (mm/rev.)	CDX (mm)	Fn (mm/rev.)	Ap (mm)	YG602	YG602G	YG603		
-P Parting & Grooving (Positive)	TDP2002	0.2	0.04~0.12	19				● 0012	● 0036	● 0078	17.82 €
	TDP3002	0.2	0.05~0.16	19				● 0029	● 0030	● 0076	17.82 €
	TDP4003	0.3	0.06~0.18	19				● 0023	● 0038	● 0080	19.81 €
-P R/L Parting & Grooving (Positive)	TDPR2002	0.2	0.04~0.12	19				● 0045		● 0085	17.82 €
	TDPL2002	0.2	0.04~0.12	19				● 0046		● 0086	17.82 €
	TDPR3002	0.2	0.05~0.16	19				● 0048		● 0089	17.82 €
	TDPL3002	0.2	0.05~0.16	19				● 0049		● 0090	17.82 €
-N Parting & Grooving (General)	TDN2002	0.2	0.06~0.18	19				● 0010	● 0035	● 0077	17.82 €
	TDN3002	0.2	0.07~0.22	19				● 0024	● 0025	● 0075	17.82 €
	TDN4003	0.3	0.08~0.25	19				● 0022	● 0037	● 0079	19.81 €
	TDN5003	0.3	0.08~0.25	19				● 0042			21.81 €
	TDXM6E	0.8	0.08~0.25	19					● 0063		23.86 €
-N R/L Parting & Grooving (General)	TDNR2002	0.2	0.06~0.18	19				● 0043		● 0083	17.82 €
	TDNL2002	0.2	0.06~0.18	19				● 0044		● 0084	17.82 €
	TDNR3002	0.2	0.07~0.22	19				● 0040		● 0087	17.82 €
	TDNL3002	0.2	0.07~0.22	19				● 0047			17.82 €
-Y Groove Turn	TDY3E - 0.4	0.4	0.10~0.20	19	0.10~0.38	0.50~2.20			● 0027		17.82 €
	TDY4E - 0.4	0.4	0.15~0.26	19	0.10~0.40	0.50~2.80			● 0020		19.81 €
	TDY5E - 0.4	0.4	0.15~0.26	19	0.10~0.40	0.50~2.80			● 0082		21.81 €

Parting & Grooving Holder - External External holders (Swiss Lathe) for TD. insert



Designation	EDP 5700.. R	L	ANCHO	CDX	H	B	LF	WF	Insert	SET CON 10 INSERTOS
YTER/L 1212-2T12-S	0048	-	2	12	12	12	125	12.2	TD.2..	175.00 €
YTER/L 1616-2T16-S	0049	-	2	16	16	16	125	16.2		175.00 €
YTER/L 1212-3T12-S	0051	0050	3	12	12	12	125	12.3	TD.3..	175.00 €
YTER/L 1616-3T16-S	0053	0052	3	16	16	16	125	16.3		175.00 €

External holders for TD. insert

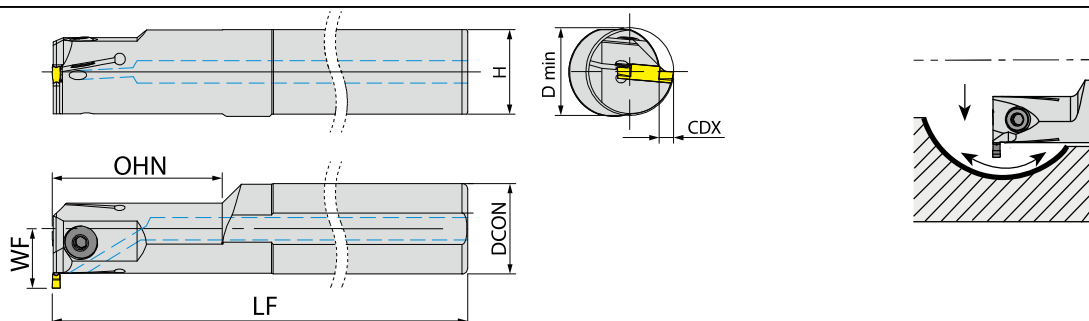


Unit : mm ● : NEW ITEM 2023

Designation	EDP 5700.. R	L	ANCHO	CDX	H	B	LF	WF	Insert	SET CON 10 INSERTOS
YTER/L 2020-2T9	0028	-	2	9	20	20	125	20.3	TD.2..	192.00 €
YTER/L 2020-2T15	0030	0029	2	15	20	20	125	20.3		192.00 €
YTER/L 2020-2T20	0032	0031	2	20	20	20	125	20.3		192.00 €
YTER/L 2525-2T17	0034	0033	2	17	25	25	150	25.3		192.00 €
YTER/L 2020-3T20	0040	0039	3	20	20	20	125	20.4	TD.3..	192.00 €
YTER/L 2525-3T9	0042	0041	3	9	25	25	150	25.4		192.00 €
YTER/L 2525-3T20	0044	0043	3	20	25	25	150	25.4		192.00 €
YTER/L 2525-3T25	9044	9043	3	25	25	25	150	25.4		192.00 €
YTER 3232-3T20	0045	-	3	20	32	32	170	32.4		192.00 €
YTER/L 2525-4T20	0047	0046	4	20	25	25	150	25.5	TD.4..	202.00 €
YTER/L 2525-4T30	9047	9046	4	30	25	25	150	25.5		202.00 €
YTER/L 2525-5T25	9947	9946	5	25	25	25	150	25.5	TD.5..	220.00 €
YTER 2525-6T25	0998	-	6	25	25	25	150	25.5	TD.6..	240.00 €

Parting & Grooving - Holder - Internal

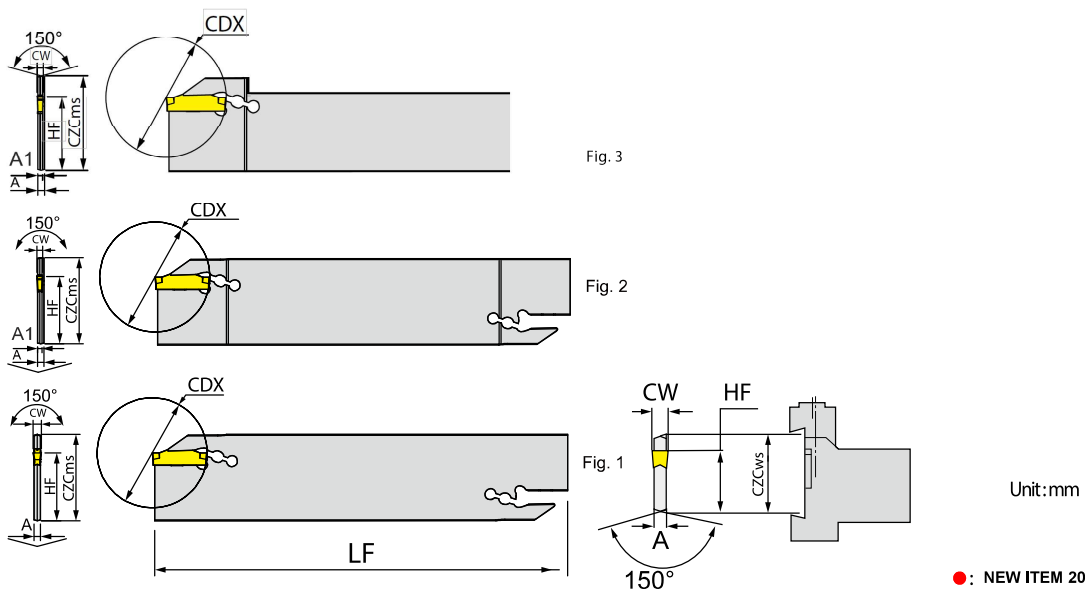
Internal holders for TD. insert



Unit : mm ● : NEW ITEM 2023

Designation	●	EDP 5700.. R	L	ANCHO	DMIN	CDX	DCON	H	OHN	LF	WF	Insert	SET CON 10 INSERTOS
YTIR/L 16-2C-T8.5	●	0222	0218	2	25	8.5	16	14.8	28	150	16.5	TD.2..	192.00 €
YTIR/L 20-3C-T6	●	0223	0219	3	25	6	20	18.3	40	170	16	TD.3..	192.00 €
YTIR/L 25-3C-T6	●	0224	0220	3	25	6	25	23	40	200	18.5		205.00 €
YTIR/L 32-3C-T5	●	0225	0221	3	31	5	32	30	60	250	21		227.00 €

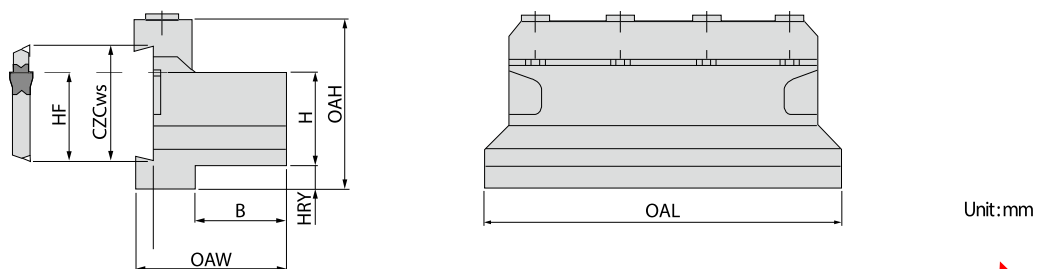
Parting & Grooving - Holder Blade for TD. insert



●: NEW ITEM 2023

Designation	EDP 5700..	CZCms	CW	CDX	HF	LF	W	Fig.	Insert	SET CON 10 insertos
YGB 25-2	9958	25	2	20	21.4	110	2.4	3	TD.2..	160.00 €
YGB 32-2	0058	32	2	20	25	150	2.4	2		160.00 €
YGB 32-3	0059	32	3	20	25	150	2.4	1	TD.3..	160.00 €
YGB 32-4	9058	32	4	20	25	150	3.2	1	TD.4..	170.00 €
YGB 32-5	9059	32	5	20	25	150	4.2	1	TD.5..	190.00 €
YGB 32-6	9959	32	6	20	25	150	5.0	1	TD.6..	226.00 €

Parting & Grooving - Holder Blade Block for TD. insert



Designation	EDP 5700..	CZCws	H	B	HF	HRY	OAL	OAH	OAW	AÑADE TU PORTALAMAS PORTAN SOLO
YGBU 20-25	9060	25	20	19	21.4	13	86	43	38	71.00 €
YGBU 25-25	9961	25	25	23	21.4	8	110	45	42	71.00 €
YGBU 20-32	0060	32	20	19	25	13	100	50	38	71.00 €
YGBU 25-32	0061	32	25	23	25	8	110	50	42	71.00 €
YGBU 32-32	0062	32	32	29	25	5	110	54	48	71.00 €

CONDICIONES DE CORTE

Cutting Speed			Vc (m/min.)			
ISO	VDI	Sub Group	YG602G -YG602		YG603	
			Min.	Max.	Min.	Max.
P	1-5	Non-Alloyed Steel	120	180		
	6-9	Low-Alloyed Steel	100	140		
	10-11	High-Alloyed Steel	80	110		
M	12-13	Ferritic & Martensitic	70	160	50	90
	14	Austenitic Stainless Steel	55	140	40	80
K	15-16	Grey Cast Iron	110	185		
	17-18	Nodular Cast Iron	110	140		
N	21-30	Non-Ferrous Metals (Al)	250	440		
S	31-37	Superalloys & Titanium	25	45		
H	38-41	Hard Materials	25	50		



YG1G

PARTING & GROOVING

PROGRAMA CON REFRIGERACIÓN INTERNA:

Consulta nuestro programa con refrigeración interna, varios sets disponibles con conexiones!!!



PROMOCION VALIDA HASTA EL 31 DE DICIEMBRE DE 2023

YG1G

Herramientas YG-1

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SPAIN P&G 23-1

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