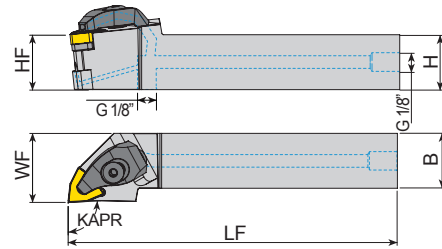


Double Clamp with Internal coolant type for WN Insert**



*'C' Letter at Last : Optional Clamp Included

☐ : p.51

Unit: inch

Series	Designation	EDP 2700.. R L	H (= HF)	B	WF	LF	Insert
<p>DWLNR/L Approach angle 95°</p>	DWLNR/L 123B - C	1571 1572	.75	.75	1	4.5	WNMG33
	DWLNR/L 124B - C	1575 1576	.75	.75	1	4.5	WNMG43
	DWLNR/L 163D - C	1573 1574	1	1	1.25	6	WNMG33
	DWLNR/L 164D - C	1577 1578	1	1	1.25	6	WNMG43
	DWLNR/L 204D - C	1579 1580	1.25	1.25	1.5	6	



PARTING & GROOVING

Parting & Grooving Inserts Overview

Parting & Grooving Inserts

Parting & Grooving Holders

Series	information	Shim	Shim Screw	Clamp	Clamp Screw	Spring	O-RING	Tork Wrench
DW.3	Description	YAAWN-SW317	YAAV-01-M3x10	YATKH-01-R YATKH-02-L	YAKV-37-M5x18	YAKY-03	YAXR-02	YAAL-02-2.5
	EDP	18000152	18000155	18000220 18000221	28000055	28000045	28000078	18000060
DW.4	Description	YAAWN-3-0001	YAAV-13-M5x8	YATKH-01-R YATKH-02-L	YAKV-33-M6x22	YAKY-01	YAXR-01	YAAL-03-3
	EDP	18000151	18000163	18000220 18000221	18000222	28000044	18000223	18000061

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 (Gold Color) YG602 : First Choice for General Application (Violet Color)
<p>YG603</p> <p>M30 - M50</p>	<p>PVD - TiAlN</p>	<p>PVD Parting & Grooving Grade for Stainless Steel</p> <ul style="list-style-type: none"> Ultra high toughness substrate and strong adhesion Excellent cutting edge strength and chipping resistance Stable machinability and tool life for stainless steel

Parting & Grooving Inserts

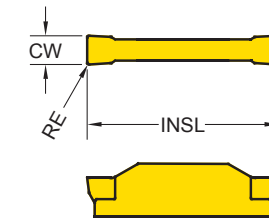
	TD. Series	Inserts	2, 3, 4, 5, 6, 8
		TDN, TDP, TDY	

Parting & Grooving Chipbreakers

Parting & Grooving	-P			<ul style="list-style-type: none"> For Parting & Grooving For Low Feed Rate and Difficult to Cut Materials
	-N			<ul style="list-style-type: none"> For External Parting And Grooving For General Use
Turning & Grooving	-Y			<ul style="list-style-type: none"> For External Turning & Grooving For Medium feed rate
	GL			<ul style="list-style-type: none"> For External, Internal turning and Grooving Face grooving and Face turning For low feed rate
	GM			<ul style="list-style-type: none"> For External, Internal turning and Grooving First choice Face Grooving and Face turning For Medium feed rate
	RG			<ul style="list-style-type: none"> For External, Internal turning and Grooving Full radius Insert for Profiling

Parting & Grooving Inserts

Recommended Cutting Conditions : p.190



Series	INSL	CW	Series	INSL	CW
TD * 2	.787	.079	TD * 5	.984	.197
TD * 3	.787	.118	TD * 6	.984	.236
TD * 4	.787	.157	TD * 8	1.181	.315

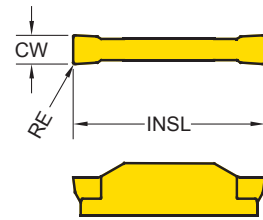
* CDX : Cutting Depth Maximum

● : Stock item ○ : Order made item

TD.	Designation	RE (In)	Parting & Grooving		Turning		EDP 5200..		
			Fn (In/rev.)	CDX (In)	Fn (In/rev.)	Ap	YG602	YG602G	YG603
-P	Parting & Grooving (Sharp edge)								
	TDP 2002	.008	.002 ~ .005	.748	-	-	●	○	●
	TDP 3002	.008	.002 ~ .006	.748	-	-	●	○	●
	TDP 4003	.012	.002 ~ .007	.748	-	-	●	○	●
	TDP5003	.012	.002 ~ .008	.945	-	-	●	○	●
	TDP6003	.012	.002 ~ .009	.945	-	-	●	○	●
-N	Parting & Grooving Right Hand Shown (Sharp edge)								
	* TDPR 2002 - 6	.008	.001 ~ .003	.748	-	-	●		●
	* TDPR 3002 - 6	.008	.002 ~ .005	.748	-	-	●		●
	* TDPL 2002 - 6	.008	.001 ~ .003	.748	-	-	●		●
	* TDPL 3002 - 6	.008	.002 ~ .005	.748	-	-	●		●
	TDN 2002	.008	.002 ~ .007	.748	-	-	●	○	●
	TDN 3002	.008	.003 ~ .009	.748	-	-	●	○	●
	TDN 4003	.012	.003 ~ .011	.748	-	-	●	○	●
	TDN 5003	.012	.004 ~ .014	.945	-	-	●	○	●
	TDN6003	.012	.004 ~ .014	.945	-	-	●	○	●
	TDN8004	.016	.005 ~ .016	1.142	-	-	●	○	●
	Parting & Grooving Right Hand Shown (General)								
* TDNR 2002 - 6	.008	.002 ~ .006	.748	-	-	●		●	
* TDNR 3002 - 6	.008	.002 ~ .007	.748	-	-	●		●	
* TDNL 2002 - 6	.008	.002 ~ .006	.748	-	-	●		●	
* TDNL 3002 - 6	.008	.002 ~ .007	.748	-	-	●		●	
* TDNL 4003 - 6	.012	.002 ~ .009	.748	-	-	●		●	

Parting & Grooving Inserts





Recommended Cutting Conditions : p.190



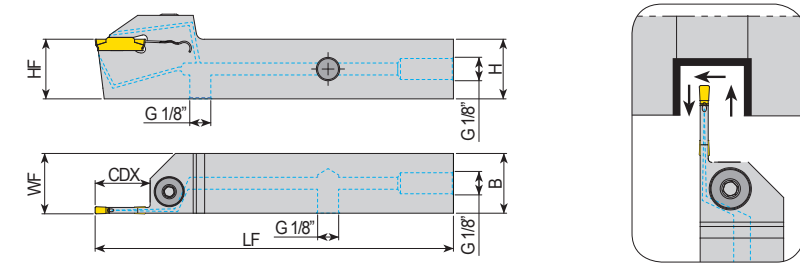
Series	INSL	CW	Series	INSL	CW
TD * 2	.787	.079	TD * 5	.984	.197
TD * 3	.787	.118	TD * 6	.984	.236
TD * 4	.787	.157	TD * 8	1.181	.315

* CDX : Cutting Depth Maximum

● : Stock item ○ : Order made item

TD.	Designation	RE (In)	Parting & Grooving		Turning		EDP 5200..		
			F _n (In/rev.)	CDX (In)	F _n (In/rev.)	A _p	YG602	YG602G	YG603
 Turn Groove	TDY3E - 0.4	.016	.002~.009	.394	.005~.009	.020~.094	●	○	○
	TDY4E - 0.4	.016	.003~.011	.394	.006~.012	.020~.110	●	○	○
	TDY5E - 0.4	.016	.003~.009	.394	.006~.012	.020~.126	●	○	○
 GL	TDY2E - 0.3 - GL	.012	.002~.008	.394	.002~.007	.016~.059	●	○	○
	TDY3E - 0.3 - GL	.012	.002~.009	.394	.003~.008	.016~.079	●	○	○
	TDY4E - 0.4 - GL	.016	.002~.010	.394	.004~.010	.020~.091	●	○	○
	TDY5E - 0.4 - GL	.016	.003~.012	.492	.004~.012	.020~.118	●	○	○
	TDY6E - 0.4 - GL	.016	.005~.014	.492	.006~.014	.020~.138	●	○	○
	TDY8E - 0.8 - GL	.031	.006~.020	.591	.008~.020	.039~.177	●	○	○
 GM	TDY3E - 0.4 - GM	.016	.002~.009	.394	.005~.009	.020~.094	●	○	○
	TDY4E - 0.4 - GM	.016	.003~.011	.394	.006~.012	.020~.110	●	○	○
	TDY4E - 0.8 - GM	.031	.004~.011	.394	.007~.013	.031~.110	●	○	○
	TDY5E - 0.4 - GM	.016	.003~.011	.492	.007~.014	.020~.118	●	○	○
	TDY5E - 0.8 - GM	.031	.004~.011	.492	.007~.015	.031~.118	●	○	○
	TDY6E - 0.4 - GM	.016	.005~.012	.492	.007~.016	.031~.142	●	○	○
	TDY6E - 0.8 - GM	.031	.005~.014	.492	.007~.017	.039~.142	●	○	○
	TDY8E - 0.8 - GM	.031	.004~.010	.591	.008~.020	.039~.177	●	○	○
 RG	TDY2E - 1.0 - RG	.039	.002~.006	.394	.004~.012	.004~.031	●	○	○
	TDY3E - 1.5 - RG	.059	.003~.007	.394	.006~.014	.004~.047	●	○	○
	TDY4E - 2.0 - RG	.079	.004~.008	.394	.007~.018	.004~.063	●	○	○
	TDY5E - 2.5 - RG	.098	.005~.009	.492	.008~.020	.004~.079	●	○	○
	TDY6E - 3.0 - RG	.118	.006~.011	.492	.010~.024	.004~.094	●	○	○
	TDY8E - 4.0 - RG	.157	.007~.012	.591	.010~.028	.004~.126	●	○	○

External holders with Internal coolant type

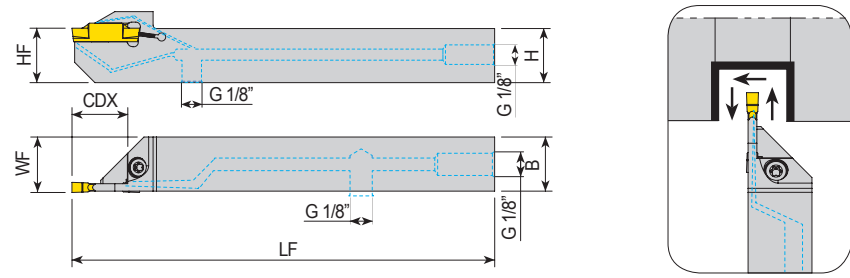


Unit : inch

Designation	EDP 5700.. R L	CW	CDX	H (= HF)	B	LF	Insert
YTER/L 08 - 2T059 - C	0261 0238	.079	.591	.500	0.500	3.937	TD.2..
YTER/L 10 - 2T059 - C	0264 0241	.079	.591	.625	0.625	4.921	
YTER/L 12 - 2T035 - C	0271 0247	.079	.354	.750	0.750	4.921	
YTER/L 12 - 2T059 - C	0268 -	.079	.591	.750	0.750	4.921	
YTER/L 12 - 2T066 - C	0269 -	.079	.669	.750	0.750	4.921	
YTER/L 12 - 2T078 - C	0270 0246	.079	.787	.750	0.750	4.921	
YTER/L 16 - 2T066 - C	0275 0251	.079	.669	1.000	1.000	5.906	TD.3..
YTER/L 08 - 3T059 - C	0263 0240	.118	.591	.500	0.500	3.937	
YTER/L 10 - 3T059 - C	0266 0243	.118	.591	.625	0.625	4.921	
YTER/L 12 - 3T059 - C	- 0245	.118	.591	.750	0.750	4.921	
YTER/L 12 - 3T078 - C	0272 0248	.118	.787	.750	0.750	4.921	
YTER/L 12 - 3T098 - C	0273 0249	.118	.984	.750	0.750	4.921	
YTER/L 12 - 3T118 - C	0274 0250	.118	1.181	.750	0.750	4.921	
YTER/L 16 - 3T035 - C	0279 0255	.118	.354	1.000	1.000	5.906	
YTER/L 16 - 3T086 - C	0276 0252	.118	.866	1.000	1.000	5.906	
YTER/L 16 - 3T098 - C	0277 0253	.118	.984	1.000	1.000	5.906	
YTER/L 16 - 3T118 - C	0278 0254	.118	1.181	1.000	1.000	5.906	
YTER/L 20 - 3T098 - C	0284 0259	.118	.984	1.250	1.250	6.693	
YTER/L 16 - 4T086 - C	0280 0256	.157	.866	1.000	1.000	5.906	TD.4..
YTER/L 16 - 4T098 - C	0281 -	.157	.984	1.000	1.000	5.906	
YTER/L 16 - 4T118 - C	0282 0257	.157	1.181	1.000	1.000	5.906	TD.5..
YTER/L 16 - 5T098 - C	0283 0258	.197	.984	1.000	1.000	5.906	

Series	Designation	Information	Screw	Ring	Wrench
YTER/L	..-2..	Description	Y2505 - M6x30	YABPL - 01	YAAL - 03 - 3
		EDP	18000199	18000058	18000061
	..-3..	Description	Y2004 - M8x1x20	-	-
		EDP	18000196	-	-
	..-4..	Description	Y2004 - M8x1x20	-	-
EDP		18000196	-	YAAL - 05 - 4 18000062	
..-5..	Description	Y2004 - M8x1x20	-	-	
	EDP	18000196	-	-	

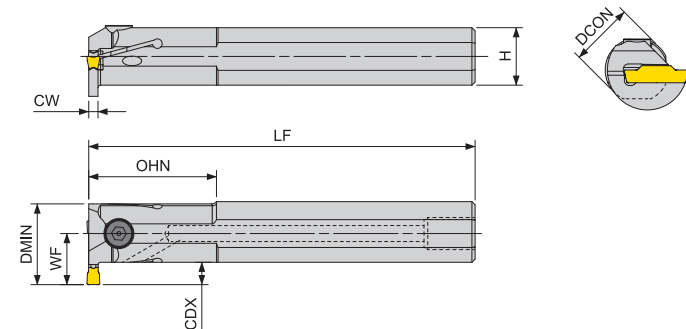
External holders with Internal coolant type for Swiss Lathe



: p. 95~96 Unit : inch

Designation	●	EDP 5700..		CW	CDX	H (= HF)	B	LF	Insert
		R	L						
YTER/L 08 - 2T047 - S - C	●	0260	0237	.079	.472	.500	.500	4.921	TD.2..
YTER/L 08 - 3T047 - S - C	●	0262	0239	.118	.472	.500	.500	4.921	TD.3..
YTER/L 10 - 2T063 - S - C	●	0265	0242	.079	.630	.625	.625	4.921	TD.2..
YTER/L 10 - 3T063 - S - C	●	0267	0244	.118	.630	.625	.625	4.921	TD.3..

Internal holders



: p. 95~96 Unit : inch

Designation	●	EDP 5700..		CW	DMIN	CDX	DCON	H	OHN	LF	Insert
		R	L								
YTIR/L 10 - 2T033 - C	●	0289	0285	.079	.984	.335	.625	.583	1.102	5.906	TD.2..
YTIR/L 12 - 3T023 - C	●	0290	0286	.118	.984	.236	.750	.720	1.575	6.693	TD.3..
YTIR/L 16 - 3T023 - C	●	0291	0287	.118	.984	.236	1.000	.906	1.575	7.874	
YTIR/L 20 - 3T019 - C	●	0292	0288	.118	1.220	.197	1.250	1.181	2.362	9.843	

Series	Designation	Information	Screw	Ring	Wrench
YTER/L	..-2../..-3..	Description	Y4015-M4x11	-	Y80-T15
		EDP	18000119	-	18000167

Series	Designation	Information	Screw	Ring	Wrench
YTIR/L	10 - 2T..	Description	2503-M4x10	-	HL-05 58000041
		EDP	18000197	-	
	12 - 3T../16 - 3T..	Description	Y2504-M5X12	-	
		EDP	18000198	-	
	20 - 3T..	Description	Y2004-M8x1x20	-	
		EDP	18000196	-	