



PARTING & GROOVING

INTERNAL COOLANT HOLDER SYSTEM

Internal coolant holder system for parting & grooving provides a superior level of machining efficiency and tool life with high pressure up to 200 bar.

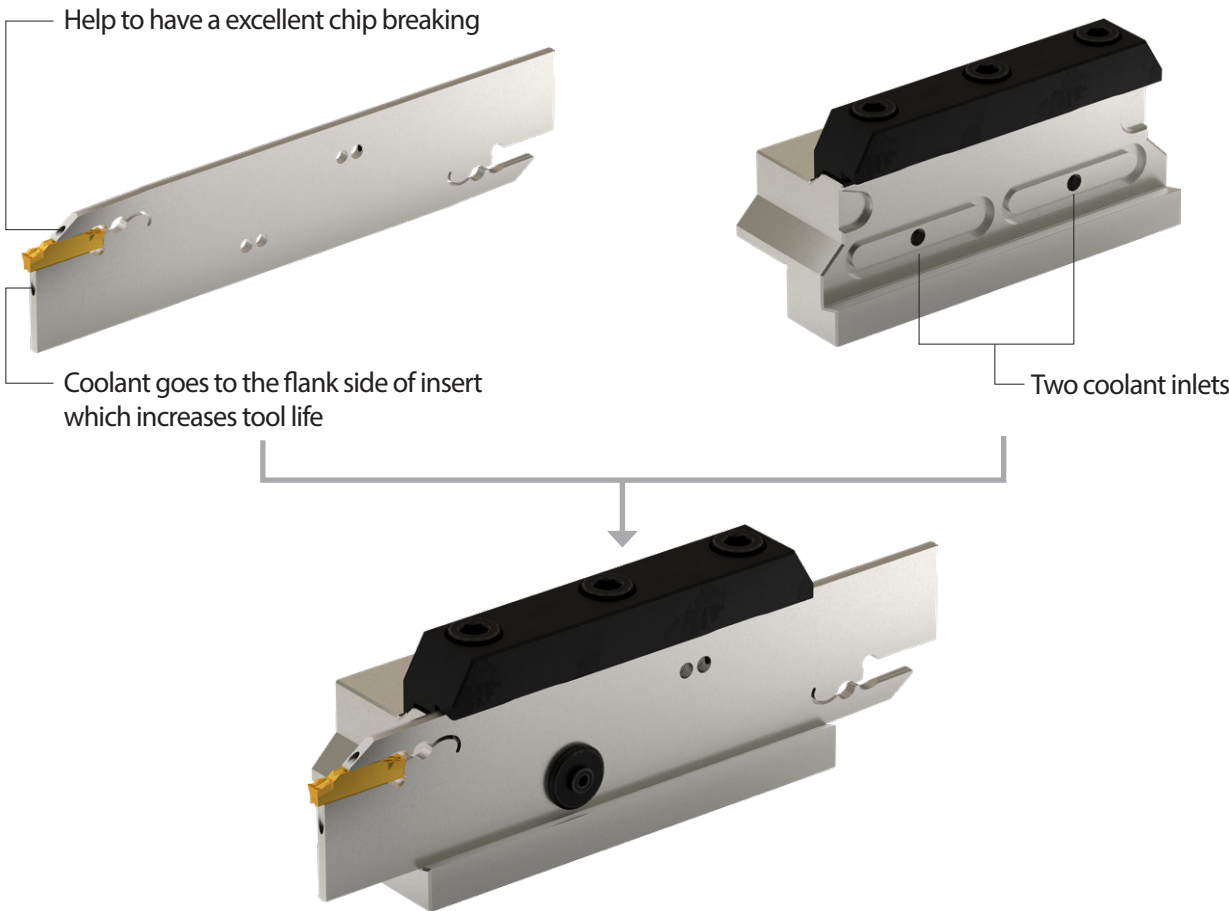
Internal Coolant Holder System

Over-coolant reduces the friction between the chip and insert, under-coolant will lubricate and reduce flank wear. For this reason, it's possible to **increase cutting speed 30~50%** when using over- & under- coolant supply.

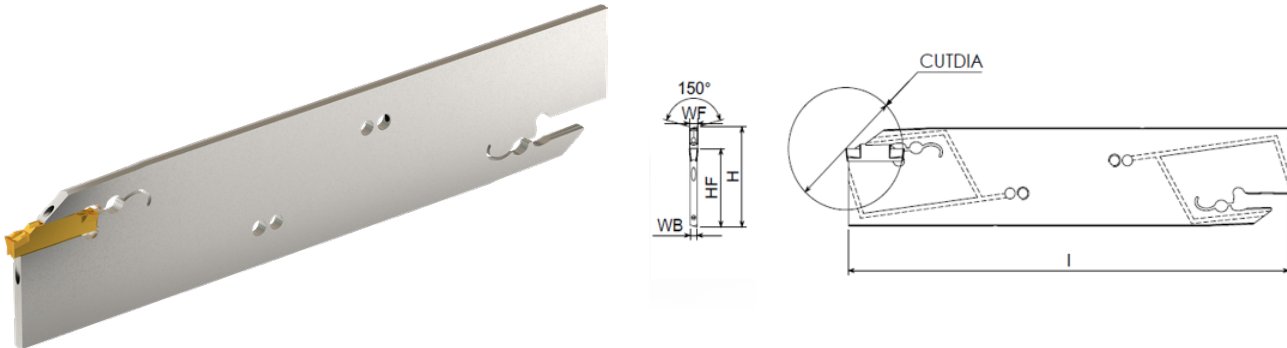
Coolant Connector



Assembly of block and blade

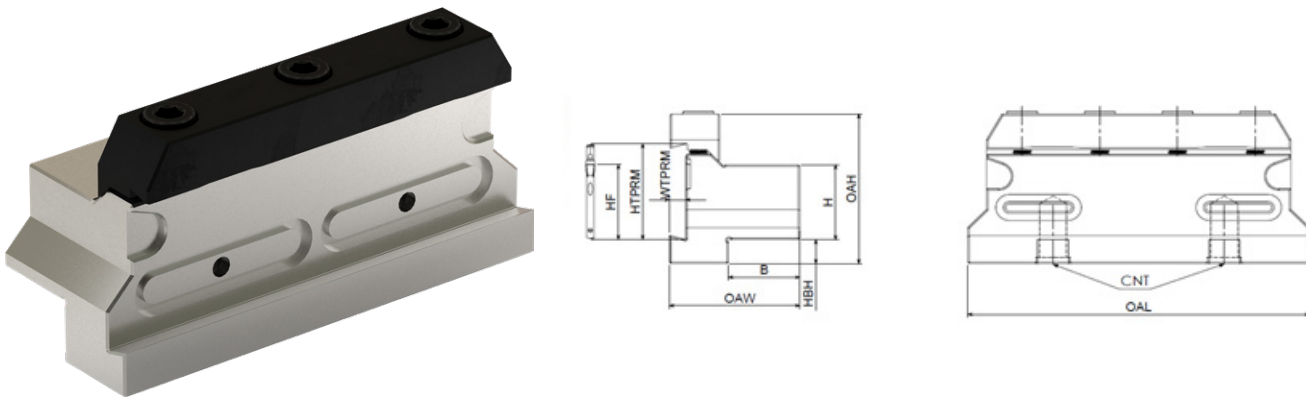


Blades



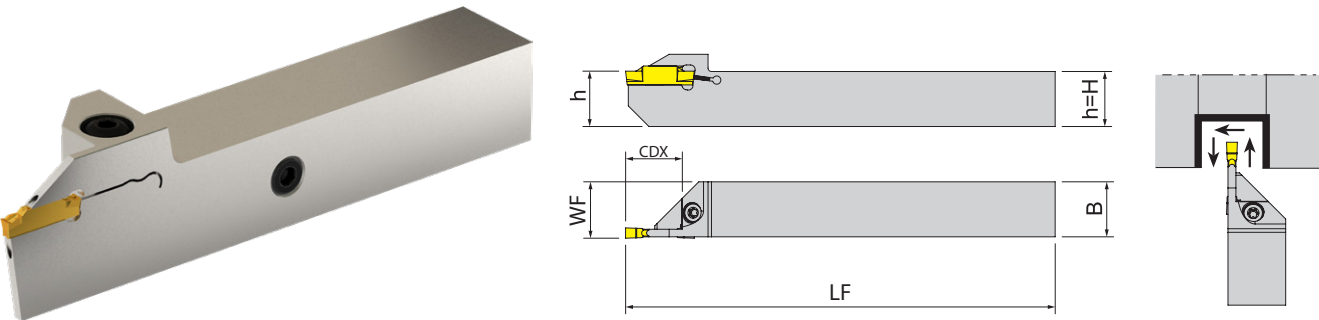
Holder Blades													Spare Parts	
EDP	Description	Insert Width[mm]	R	L	H Height[mm]	WB2	WB	L Length[mm]	CUTDIA	Fig.	HF	WF	EDP	Description
57000226	YGB 32-2	2	+	+	32	2.4	1.6	150	39	2	25	2	18000202	YALA-01
57000227	YGB 32-3	3	+	+	32	2.4	-	150	39	1	25	3	18000202	YALA-01

Block



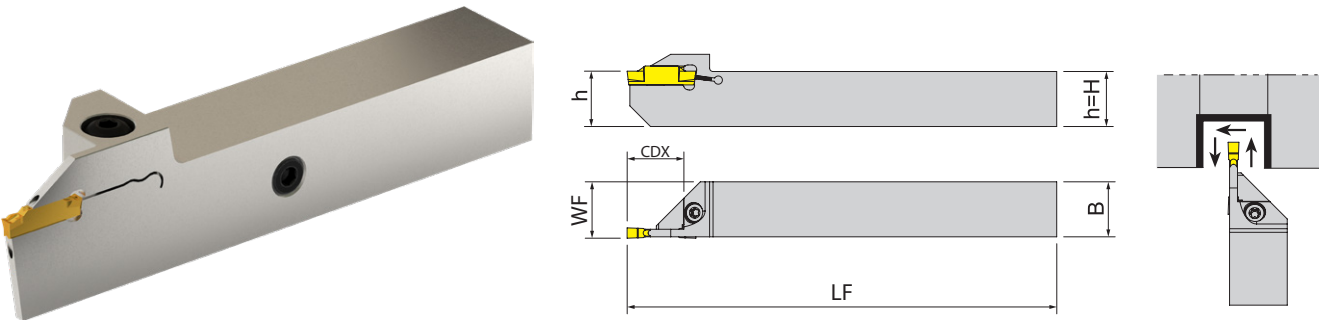
Holder Blades											Spare Parts					
EDP	Description	H	HTPRM	HBH	OAH	WTHPRM	OAL	OAW	HF=H	B	EDP	Description	EDP	Description	EDP	Description
57000228	YGBU 20-32	20	32	13	50	5.3	100	38	25	19	18000199	Y2505-M6x30	18000204	YABK-03	18000203	YAAL-07-5
57000229	YGBU 25-32	25	32	8	50	5.3	110	42	25	23	18000199	Y2505-M6x30	18000205	YABK-04	18000203	YAAL-07-5
57000230	YGBU 32-32	32	32	5	54	5.3	110	48	25	29	18000199	Y2505-M6x30	18000205	YABK-04	18000203	YAAL-07-5

Internal Coolant Holder System



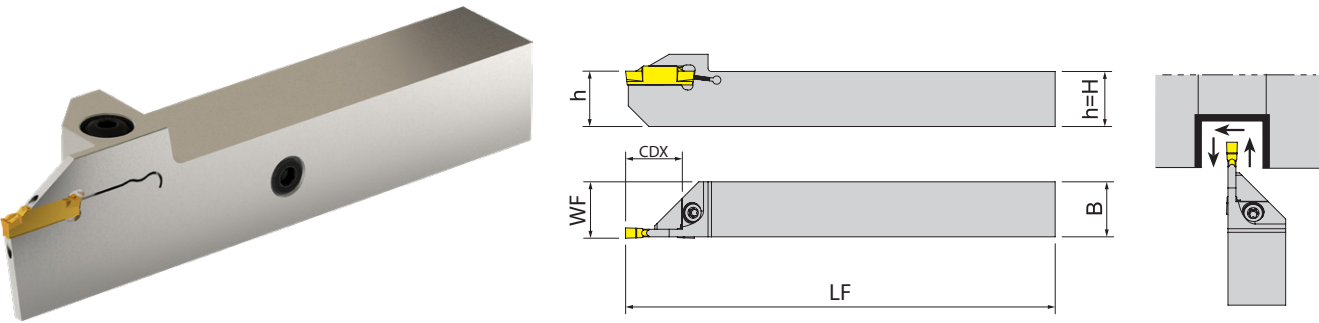
Holder														
EDP No.	Description	Type	Insert Width [mm]	R	L	Holder	DCON	DMIN	OHN	HF=H	B	LF	WF	CDX
						Rectangular = R1 Round = R2	Diameter Holder Round Holders [mm]		Length of Holder Head [mm]	Height Holder [mm]	Width Holder [mm]	Length Holder [mm]	Width Holder Head [mm]	Cutting Depth [mm]
57000170	YTEL 1212-2T12-S-C	SWISS TYPE EXTERNAL GROOVING	2		+	R1				12	12	125	12.2	12
57000171	YTEL 1212-2T15-C	EXTERNAL GROOVING	2		+	R1				12	12	100	12.3	15
57000172	YTEL 1212-3T12-S-C	SWISS TYPE EXTERNAL GROOVING	3		+	R1				12	12	125	12.3	12
57000173	YTEL 1212-3T15-C	EXTERNAL GROOVING	3		+	R1				12	12	100	12.4	15
57000174	YTEL 1616-2T15-C	EXTERNAL GROOVING	2		+	R1				16	16	125	16.3	15
57000175	YTEL 1616-2T16-S-C	SWISS TYPE EXTERNAL GROOVING	2		+	R1				16	16	125	16.2	16
57000176	YTEL 1616-3T15-C	EXTERNAL GROOVING	3		+	R1				16	16	125	16.4	15
57000177	YTEL 1616-3T16-S-C	SWISS TYPE EXTERNAL GROOVING	3		+	R1				16	16	125	16.3	16
57000178	YTEL 2020-2T15-C	EXTERNAL GROOVING	2		+	R1				20	20	125	20.3	15
57000179	YTEL 2020-2T20-C	EXTERNAL GROOVING	2		+	R1				20	20	125	20.3	20
57000180	YTEL 2020-2T09-C	EXTERNAL GROOVING	2		+	R1				20	20	125	20.3	9
57000181	YTEL 2020-3T20-C	EXTERNAL GROOVING	3		+	R1				20	20	125	20.4	20
57000182	YTEL 2020-3T25-C	EXTERNAL GROOVING	3		+	R1				20	20	125	20.4	25
57000183	YTEL 2020-3T30-C	EXTERNAL GROOVING	3		+	R1				20	20	125	20.4	30
57000184	YTEL 2525-2T17-C	EXTERNAL GROOVING	2		+	R1				25	25	150	25.3	17
57000185	YTEL 2525-3T22-C	EXTERNAL GROOVING	3		+	R1				25	25	150	25.4	22
57000186	YTEL 2525-3T25-C	EXTERNAL GROOVING	3		+	R1				25	25	150	25.4	25
57000187	YTEL 2525-3T30-C	EXTERNAL GROOVING	3		+	R1				25	25	150	25.4	30
57000188	YTEL 2525-3T09-C	EXTERNAL GROOVING	3		+	R1				25	25	150	25.4	9
57000189	YTEL 2525-4T22-C	EXTERNAL GROOVING	4		+	R1				25	25	150	25.5	22
57000190	YTEL 2525-4T30-C	EXTERNAL GROOVING	4		+	R1				25	25	150	25.5	30
57000191	YTEL 2525-5T25-C	EXTERNAL GROOVING	5		+	R1				25	25	150	25.5	25
57000192	YTEL 3232-3T25-C	EXTERNAL GROOVING	3		+	R1				32	32	170	32.4	25
57000193	YTER 1212-2T12-S-C	SWISS TYPE EXTERNAL GROOVING	2	+		R1				12	12	125	12.2	12
57000194	YTER 1212-2T15-C	EXTERNAL GROOVING	2	+		R1				12	12	100	12.3	15
57000195	YTER 1212-3T12-S-C	SWISS TYPE EXTERNAL GROOVING	3	+		R1				12	12	125	12.3	12
57000196	YTER 1212-3T15-C	EXTERNAL GROOVING	3	+		R1				12	12	100	12.4	15
57000197	YTER 1616-2T15-C	EXTERNAL GROOVING	2	+		R1				16	16	125	16.3	15

Internal Coolant Holder System



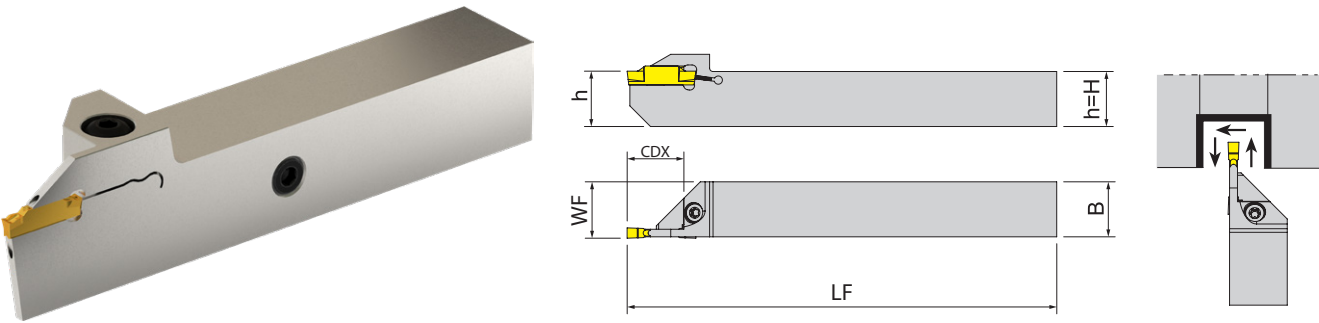
Holder		Spare parts				
Description	EDP No.	Description	Ring		Key	
			EDP No.	Description	EDP No.	Description
YTEL 1212-2T12-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTEL 1212-2T15-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTEL 1212-3T12-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTEL 1212-3T15-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 1616-2T15-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTEL 1616-2T16-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTEL 1616-3T15-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 1616-3T16-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTEL 2020-2T15-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTEL 2020-2T20-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTEL 2020-2T09-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTEL 2020-3T20-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2020-3T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2020-3T30-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-2T17-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTEL 2525-3T22-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-3T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-3T30-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-3T09-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-4T22-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-4T30-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 2525-5T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTEL 3232-3T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 1212-2T12-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTER 1212-2T15-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTER 1212-3T12-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTER 1212-3T15-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 1616-2T15-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3

Internal Coolant Holder System



Holder														
EDP No.	Description	Type	Insert Width [mm]	R	L	Holder	DCON	DMIN	OHN	HF=H	B	LF	WF	CDX
						Rectangular=R1 Round=R2	Diameter Holder Round Holders [mm]		Length of Holder Head [mm]	Height Holder [mm]	Width Holder [mm]	Length Holder [mm]	Width Holder Head [mm]	Cutting Depth [mm]
57000198	YTER 1616-2T16-S-C	SWISS TYPE EXTERNAL GROOVING	2	+		R1				16	16	125	16.2	16
57000199	YTER 1616-3T15-C	EXTERNAL GROOVING	3	+		R1				16	16	125	16.4	15
57000200	YTER 1616-3T16-S-C	SWISS TYPE EXTERNAL GROOVING	3	+		R1				16	16	125	16.3	16
57000201	YTER 2020-2T15-C	EXTERNAL GROOVING	2	+		R1				20	20	125	20.3	15
57000202	YTER 2020-2T17-C	EXTERNAL GROOVING	2	+		R1				20	20	125	20	17
57000203	YTER 2020-2T20-C	EXTERNAL GROOVING	2	+		R1				20	20	125	20.3	20
57000204	YTER 2020-2T09-C	EXTERNAL GROOVING	2	+		R1				20	20	125	20.3	9
57000205	YTER 2020-3T20-C	EXTERNAL GROOVING	3	+		R1				20	20	125	20.4	20
57000206	YTER 2020-3T25-C	EXTERNAL GROOVING	3	+		R1				20	20	125	20.4	25
57000207	YTER 2020-3T30-C	EXTERNAL GROOVING	3	+		R1				20	20	125	20.4	30
57000208	YTER 2525-2T17-C	EXTERNAL GROOVING	2	+		R1				25	25	150	25.3	17
57000209	YTER 2525-3T22-C	EXTERNAL GROOVING	3	+		R1				25	25	150	25.4	22
57000210	YTER-2525-3T25-C	EXTERNAL GROOVING	3	+		R1				25	25	150	25.4	25
57000211	YTER 2525-3T30-C	EXTERNAL GROOVING	3	+		R1				25	25	150	25.4	30
57000212	YTER 2525-3T09-C	EXTERNAL GROOVING	3	+		R1				25	25	150	25.4	9
57000213	YTER 2525-4T22-C	EXTERNAL GROOVING	4	+		R1				25	25	150	25.5	22
57000214	YTER 2525-4T25-C	EXTERNAL GROOVING	4	+		R1				25	25	150	26	25
57000215	YTER 2525-4T30-C	EXTERNAL GROOVING	4	+		R1				25	25	150	25.5	30
57000216	YTER 2525-5T25-C	EXTERNAL GROOVING	5	+		R1				25	25	150	25.5	25
57000217	YTER 3232-3T25-C	EXTERNAL GROOVING	3	+		R1				32	32	170	32.4	25
57000218	YTIL 16-2T8.5-C	INTERNAL GROOVING	2		+	R2	16	25	28	14.8		150	17	9
57000219	YTIL 20-3T06-C	INTERNAL GROOVING	3		+	R2	20	25	40	18.3		170	16	6
57000220	YTIL 25-3T06-C	INTERNAL GROOVING	3		+	R2	25	25	40	23		200	18.5	6
57000221	YTIL 32-3T05-C	INTERNAL GROOVING	3		+	R2	32	31	60	30		250	21	5
57000222	YTIR 16-2T8.5-C	INTERNAL GROOVING	2	+		R2	16	25	28	14.8		150	17	9
57000223	YTIR 20-3T06-C	INTERNAL GROOVING	3	+		R2	20	25	40	18.3		170	16	6
57000224	YTIR 25-3T06-C	INTERNAL GROOVING	3	+		R2	25	25	40	23		200	18.5	6
57000225	YTIR 32-3T05-C	INTERNAL GROOVING	3	+		R2	32	31	60	30		250	21	5

Internal Coolant Holder System



Holder		Spare parts				
Description	Screw		Ring		Key	
	EDP No.	Description	EDP No.	Description	EDP No.	Description
YTER 1616-2T16-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTER 1616-3T15-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 1616-3T16-S-C	18000119	Y4015-M4x11			18000167	Y80-T15
YTER 2020-2T15-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTER 2020-2T17-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTER 2020-2T20-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTER 2020-2T09-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTER 2020-3T20-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2020-3T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2020-3T30-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-2T17-C	18000199	Y2505-M6x30	18000058	YABPL-01	18000061	YAAL-03-3
YTER 2525-3T22-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER-2525-3T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-3T30-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-3T09-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-4T22-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-4T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-4T30-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 2525-5T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTER 3232-3T25-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTIL 16-2T8.5-C	18000196	Y2004-M8x1x20			18000061	YAAL-03-3
YTIL 20-3T06-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTIL 25-3T06-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTIL 32-3T05-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTIR 16-2T8.5-C	18000196	Y2004-M8x1x20			18000061	YAAL-03-3
YTIR 20-3T06-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTIR 25-3T06-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4
YTIR 32-3T05-C	18000196	Y2004-M8x1x20			18000062	YAAL-05-4

Kit & Connection

Starter Kits



1 or 2 Holders
+ Package of Inserts
+ Spare Parts



1 or 2 Blades
+ Package of Inserts
+ Key



1 Block or Blade
+ Package of Inserts
+ Spare Parts

There are 3 different Versions of starter kits depending on customers request for the cooling hose connection. These 3 different types of connections are :

Connection



Straight connection – G1/8"



Banjo Bolt to Straight connection – G1/8"



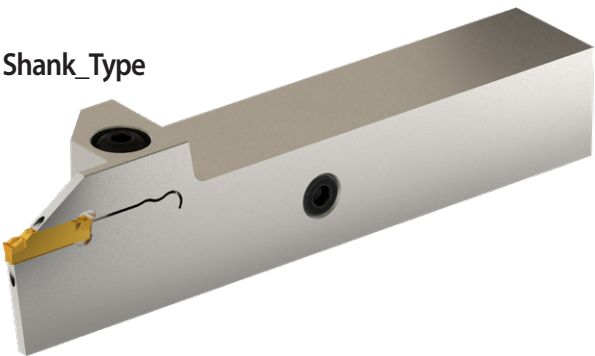
Double Banjo Bolt – G1/8"

As per the machine and the tools at customer site, hose connection type and its spare parts can be set.

How to Order

Please define a Kit Type first (check the hose connection type) and then select a tool holder (with or without Block). Finally, select the inserts you need. Those will be assembled in the warehouse and be shipped to customers.

KIT for HOLDERS



KIT1_EDP No.	Component Description		Component EDP	Q'ty (pcs)
(KIT1 for HOLDERS)	AMP-01 (M10 Fastener)		58000001	1
	AMP-02 (G 1/8" DOUBLE FASTENER)		58000002	2
	AG-01 (COPPER GASKET)		58000003	2
	2705-G1/8-5.5 (G1/8" SEALING BOLT)		58000004	1
	AH-1-250 (Hose)		58000005	1
	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

KIT2_ EDP No.	Component Description		Component EDP	Q'ty (pcs)
(KIT2 for HOLDERS)	AMP-02 (G 1/8" DOUBLE FASTENER)		58000002	1
	AMP-03 (G 1/8" ANGLE CONNECTION)		58000007	1
	AMP-04 (M10" ANGLE CONNECTION)		58000008	1
	AMP-05 (G1 / 4"-G1/8" CAPILLARY PIECE)		58000009	1
	AG-01 (COPPER GASKET)		58000003	3
	2705-G1/8-5.5 (G1/8" SEALING BOLT)		58000004	1
	AH-2-250 (Hose)		58000010	1
	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

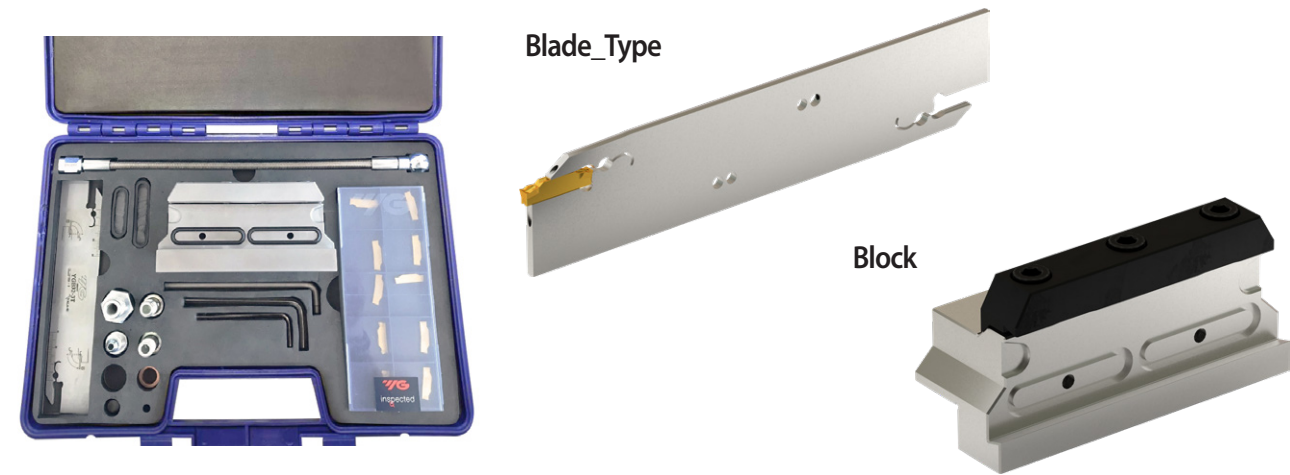
KIT3_ EDP No.	Component Description		Component EDP	Q'ty (pcs)
KIT57000003 (KIT3 for HOLDERS)	AMP-03 (G 1/8" ANGLE CONNECTION)		58000007	2
	AMP-04 (M10" ANGLE CONNECTION)		58000008	1
	AMP-05 (G1 / 4"-G1/8" CAPILLARY PIECE)		58000009	1
	AG-01 (COPPER GASKET)		58000003	4
	2705-G1/8-5.5 (G1/8" SEALING BOLT)		58000004	1
	AH-3-250 (HOSE)		58000013	1
	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

KIT for BLADES



EDP No.	Component Description		Component EDP	Q'ty (pcs)
KIT57000004 (KIT for BLADES)	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

KIT for BLOCK & BLADE



KIT1_ EDP No.	Component Description		Component EDP	Q'ty (pcs)
KIT57000005 (Kit1 for BLOCK & BLADE)	AMP-01 (M10 Fastener)		58000001	1
	AMP-02 (G 1/8" DOUBLE FASTENER)		58000002	2
	AG-01 (COPPER GASKET)		58000003	2
	2705-G1/8-5.5 (G1/8" SEALING BOLT)		58000004	1
	AH-1-250 (Hose)		58000005	1
	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

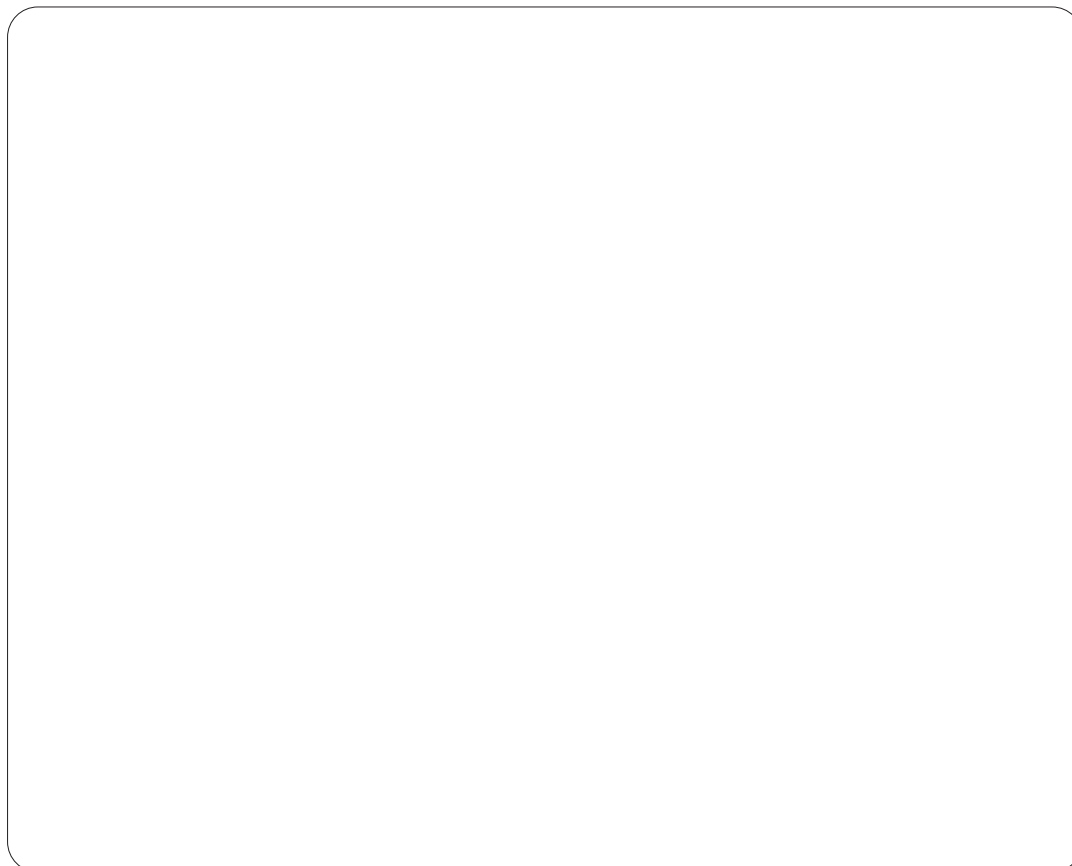
KIT2_ EDP No.	Component Description		Component EDP	Q'ty (pcs)
KIT57000006 (KIT2 for BLOCK & BLADE)	AMP-02 (G 1/8" DOUBLE FASTENER)		58000002	1
	AMP-03 (G 1/8" ANGLE CONNECTION)		58000007	1
	AMP-04 (M10" ANGLE CONNECTION)		58000008	1
	AMP-05 (G1 / 4"-G1/8" CAPILLARY PIECE)		58000009	1
	AG-01 (COPPER GASKET)		58000003	3
	2705-G1/8-5.5 (G1/8" SEALING BOLT)		58000004	1
	AH-2-250 (Hose)		58000010	1
	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

KIT3_ EDP No.	Component Description		Component EDP	Q'ty (pcs)
KIT57000007 (KIT3 for BLOCK & BLADE)	AMP-03 (G 1/8" ANGLE CONNECTION)		58000007	2
	AMP-04 (M10" ANGLE CONNECTION)		58000008	1
	AMP-05 (G1 / 4"-G1/8" CAPILLARY PIECE)		58000009	1
	AG-01 (COPPER GASKET)		58000003	4
	2705-G1/8-5.5 (G1/8" SEALING BOLT)		58000004	1
	AH-3-250 (HOSE)		58000013	1
	PLASTIC CASE	-	58000025	1
	FOAM PAD	-	58000026	1

YG-1 EUROPE SAS

Parc de l'Esplanade BAT. B1, 1, Rue Enrico
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