



2019 Catalog

Version 10.19

TOOLING FOR SWISS-TYPE CNC MACHINES

www.genswiss.com

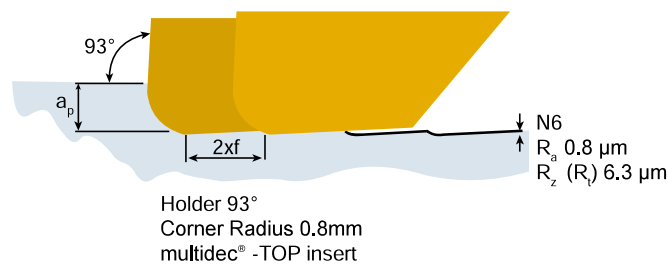
UTILIS multidec® swiss type tools TOP Series

- Wiper geometry enables faster feeds while maintaining good surface finish
- Holders especially designed for front turning and back turning in Swiss-type machines
- Versatile cutting geometry and chip breaker enables turning in three directions
- Decreases cycle time by enabling up to 2X feed rate while maintaining surface quality



multidec® TOP series inserts feature a trailing wiper geometry which produces a stronger cutting edge. This allows for faster feeds while simultaneously increasing surface finish by burnishing the high-points of the turn pattern.

The multidec® TOP series line features a sharp tool nose radius of 0mm .08mm and .15mm with chip control geometry and is ideal for precision small parts turning in tough materials.



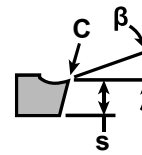
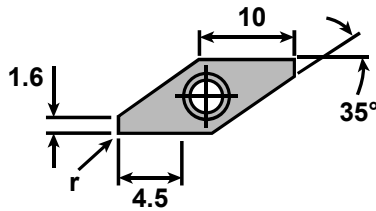
Turned With A
multidec® TOP Wiper Insert

Turned With A
Standard VCGT Insert



Coatings vs Material Type

Carbide									Cermet		Diamond			Materials
-	-	■	■	■	□	□	■	□	■	■	-	-	-	Steel
-	■	-	■	□	□	■	■	■	□	■	-	-	-	Stainless Steel
□	■	-	□	-	□	■	-	-	-	-	-	-	-	Titanium & Ti-Alloys
■	□	-	-	-	□	□	-	□	-	-	■	■	■	Non Ferrous Metals
UHM 10	UHM 10 HX	UHM 10 MZ	UHM 20 HPX	UHM 20 MZ	UHM 30	UHM 30 HX	UHM 30 MZ	UHM 30 SX	UCM 10	UCM 10 HX	UCVD 08	UPCD 15	UPCD 20	



β : 12°
 C : <0.002
 s : ± 0.025 (VPET)
 ± 0.13 (VPGT)
 ± 0.1 (VPXT)



VPET Carbide TOP Wiper (S: ± 0.025)

Cut: Standard

Chip Breaker: TOP Wiper, Polished Rake, Sharp Cutting Edge

Repeatability <10 μ m

Left Hand		Right Hand		Dimensions & Features			
Item No.	Description	Item No.	Description	Edge	Nose Radius	Holder	Coating
7005-113207	VPGT 1003ZZ FL TOP UHM20 HPX	7005-129863	VPET 1003ZZ FR TOP UHM20 HPX	Sharp	0	SV...	UHM 20 HPX
7005-121822	VPGT 1003ZZ FL TOP UHM30 HX	7005-125810	VPET 1003ZZ FR TOP UHM30 HX	Sharp	0	SV...	UHM 30 HX
7005-120460	VPGT 1003ZZ FL TOP UHM30 SX	7005-125809	VPET 1003ZZ FR TOP UHM30 SX	Sharp	0	SV...	UHM 30 SX
---	---	7005-139905	VPET 1003005 FR TOP UHM30 HX	Sharp	.05mm/.0019in	SV...	UHM 30 HX
7005-129859	VPET 1003008 FL TOP UHM20 HPX	7005-129865	VPET 1003008 FR TOP UHM20 HPX	Sharp	.08mm/.0031in	SV...	UHM 20 HPX
7005-125819	VPET 1003008 FL TOP UHM30 HX	7005-125816	VPET 1003008 FR TOP UHM30 HX	Sharp	.08mm/.0031in	SV...	UHM 30 HX
7005-125818	VPET 1003008 FL TOP UHM30 SX	7005-125815	VPET 1003008 FR TOP UHM30 SX	Sharp	.08mm/.0031in	SV...	UHM 30 SX
7005-129861	VPET 1003015 FL TOP UHM20 HPX	7005-129867	VPET 1003015 FR TOP UHM20 HPX	Sharp	.15mm/.0059in	SV...	UHM 20 HPX
7005-146892	VPET 1003015 FL TOP UHM30 HX	7005-114894	VPET 1003015 FR TOP UHM30 HX	Sharp	.15mm/.0059in	SV...	UHM 30 HX
7005-114892	VPET 1003015 FL TOP UHM30 SX	7005-114895	VPET 1003015 FR TOP UHM30 SX	Sharp	.15mm/.0059in	SV...	UHM 30 SX



VPGT Carbide TOP Wiper (S: ± 0.13)

Cut: Standard

Chip Breaker: TOP Wiper, Polished Rake, Sharp Cutting Edge

Repeatability <20 μ m

Left Hand		Right Hand		Dimensions & Features			
Item No.	Description	Item No.	Description	Edge	Nose Radius	Holder	Coating
7005-137956	VPGT 1003008 EL TOP UHM30 HX	---	---	Honed	.08mm/.0031in	SV...	UHM 30 HX
7005-137955	VPGT 1003008 EL TOP UHM30 SX	---	---	Honed	.08mm/.0031in	SV...	UHM 30 SX
7005-117094	VPGT 1003ZZ FL TOP UHM10 HX	7005-117088	VPET 1003ZZ FR TOP UHM10 HX	Sharp	0	SV...	UHM 10 HX
7005-113207	VPGT 1003ZZ FL TOP UHM20 HPX	7005-113203	VPET 1003ZZ FR TOP UHM20 HPX	Sharp	0	SV...	UHM 20 HPX
7005-121822	VPGT 1003ZZ FL TOP UHM30 HX	7005-121823	VPET 1003ZZ FR TOP UHM30 HX	Sharp	0	SV...	UHM 30 HX
7005-120460	VPGT 1003ZZ FL TOP UHM30 SX	7005-120461	VPET 1003ZZ FR TOP UHM30 SX	Sharp	0	SV...	UHM 30 SX
---	---	Call For Details	VPET 1003005 FR TOP UHM10 HX	Sharp	.05mm/.0019in	SV...	UHM 10 HX
---	---	Call For Details	VPET 1003005 FR TOP UHM20 HPX	Sharp	.05mm/.0019in	SV...	UHM 20 HPX
---	---	7005-139732	VPET 1003005 FR TOP UHM30 HX	Sharp	.05mm/.0019in	SV...	UHM 30 HX
---	---	7005-139903	VPET 1003005 FR TOP UHM30 SX	Sharp	.05mm/.0019in	SV...	UHM 30 SX
7005-117096	VPGT 1003008 FL TOP UHM10 HX	7005-117090	VPET 1003008 FR TOP UHM10 HX	Sharp	.08mm/.0031in	SV...	UHM 10 HX
7005-113209	VPGT 1003008 FL TOP UHM20 HPX	7005-113205	VPET 1003008 FR TOP UHM20 HPX	Sharp	.08mm/.0031in	SV...	UHM 20 HPX
7005-121114	VPGT 1003008 FL TOP UHM30 HX	7005-121115	VPET 1003008 FR TOP UHM30 HX	Sharp	.08mm/.0031in	SV...	UHM 30 HX
7005-120810	VPGT 1003008 FL TOP UHM30 SX	7005-120489	VPET 1003008 FR TOP UHM30 SX	Sharp	.08mm/.0031in	SV...	UHM 30 SX
7005-117098	VPGT 1003015 FL TOP UHM10 HX	7005-117092	VPET 1003015 FR TOP UHM10 HX	Sharp	.15mm/.0059in	SV...	UHM 10 HX
7005-113128	VPGT 1003015 FL TOP UHM20 HPX	7005-113130	VPET 1003015 FR TOP UHM20 HPX	Sharp	.15mm/.0059in	SV...	UHM 20 HPX
7005-114886	VPGT 1003015 FL TOP UHM30 HX	7005-114889	VPET 1003015 FR TOP UHM30 HX	Sharp	.15mm/.0059in	SV...	UHM 30 HX
7005-114887	VPGT 1003015 FL TOP UHM30 SX	7005-114890	VPET 1003015 FR TOP UHM30 SX	Sharp	.15mm/.0059in	SV...	UHM 30 SX



VPXT Carbide TOP Wiper (S: ± 0.1)

Cut: Standard

Chip Breaker: TOP Wiper, Honed Cutting Edge

Repeatability <50 μ m

Left Hand		Right Hand		Dimensions & Features			
Item No.	Description	Item No.	Description	Edge	Nose Radius	Holder	Coating
7005-138456	VPXT 1003015 EL TOP UHM20 HPX	7005-138457	VPXT 1003015 ER TOP UHM20 HPX	Honed	.15mm/.0059in	SV...	UHM 20 HPX
7005-138462	VPXT 1003035 EL TOP UHM20 HPX	7005-138463	VPXT 1003035 ER TOP UHM20 HPX	Honed	.35mm/.0137in	SV...	UHM 20 HPX



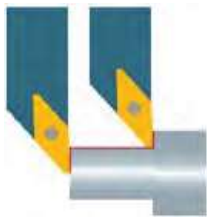
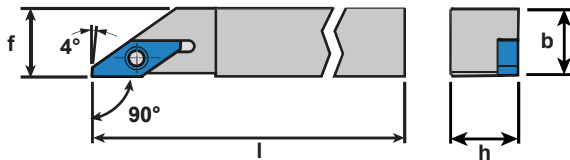
ISO Holder SVAP

Type: 90°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features				
Item No.	Description	Item No.	Description	h	b	l	f	Inserts
7005-044335	SVAPL 0707 H10	7005-044334	SVAPR 0707 H10	7	7	100	7	VP.. 1003
Call For Details	SVAPL 0708 H10	Call For Details	SVAPR 0708 H10	7	8	100	8	VP.. 1003
7005-148827	SVAPL 0808 F10	7005-148825	SVAPR 0808 F10	8	8	80	8	VP.. 1003
7005-044071	SVAPL 0808 H10	7005-044072	SVAPR 0808 H10	8	8	100	8	VP.. 1003
7005-148828	SVAPL 1010 F10	7005-148826	SVAPR 1010 F10	10	10	80	10	VP.. 1003
7005-044073	SVAPL 1010 H10	7005-044074	SVAPR 1010 H10	10	10	100	10	VP.. 1003
7005-044075	SVAPL 1212 H10	7005-044076	SVAPR 1212 H10	12	12	100	12	VP.. 1003
7005-148830	SVAPL 3/8" F10	7005-148829	SVAPR 3/8" F10	9.525	9.525	80	9.525	VP.. 1003
7005-114029	SVAPL 3/8" H10	7005-138415	SVAPR 3/8" H10	9.525	9.525	100	9.525	VP.. 1003
7005-114030	SVAPL 1/2" H10	7005-138416	SVAPR 1/2" H10	12.7	12.7	100	12.7	VP.. 1003



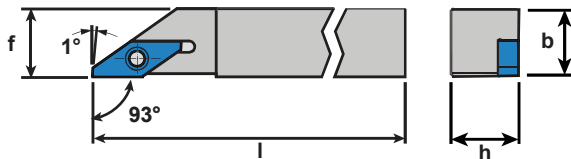
ISO Holder SVJP

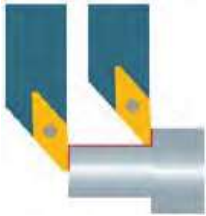
Type: 93°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features				
Item No.	Description	Item No.	Description	h	b	l	f	Inserts
7005-043093	SVJPL 0807 H10	7005-043207	SVJPR 0807 H10	7	8	100	8	VP.. 1003
Call For Details	SVJPL 0808 F10	7005-148831	SVJPR 0808 F10	8	8	80	8	VP.. 1003
7005-043002	SVJPL 0808 H10	7005-043009	SVJPR 0808 H10	8	8	100	8	VP.. 1003
7005-148834	SVJPL 1010 F10	7005-148832	SVJPR 1010 F10	10	10	80	10	VP.. 1003
7005-043003	SVJPL 1010 H10	7005-043010	SVJPR 1010 H10	10	10	100	10	VP.. 1003
7005-043004	SVJPL 1212 H10	7005-043011	SVJPR 1212 H10	12	12	100	12	VP.. 1003
7005-043006	SVJPL 1616 K10	7005-043013	SVJPR 1616 K10	16	16	125	16	VP.. 1003
7005-043007	SVJPL 2020 K10	7005-043014	SVJPR 2020 K10	20	20	125	20	VP.. 1003
7005-148836	SVJPL 3/8" F10	7005-148835	SVJPR 3/8" F10	9.525	9.525	80	9.525	VP.. 1003
7005-114031	SVJPL 3/8" H10	7005-138414	SVJPR 3/8" H10	9.525	9.525	100	9.525	VP.. 1003
7005-114032	SVJPL 1/2" H10	7005-127412	SVJPR 1/2" H10	12.7	12.7	100	12.7	VP.. 1003
7005-113733	SVJPL 5/8" K10	7005-113732	SVJPR 5/8" K10	15.875	15.875	125	15.875	VP.. 1003
7005-113735	SVJPL 3/4" K10	7005-113734	SVJPR 3/4" K10	19.05	19.05	125	19.05	VP.. 1003





ISO Coolant-Thru Holder SVJP

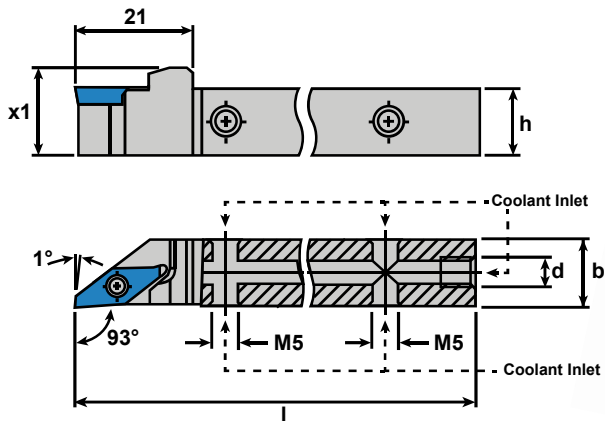
Type: 93°

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Left Hand		Right Hand		Dimensions & Features							Coolant Fittings	
Item No.	Description	Item No.	Description	h	b	l	x_1	d	f	Inserts	Side	Rear
Call For Details	SVJPL 0810 H10 IC	Call For Details	SVJPR 0810 H10 IC	8	10	100	11.5	M5	10	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 1010 H10 IC	7005-146042A	SVJPR 1010 H10 IC	10	10	100	13.5	M5	10	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 1212 H10 IC	7005-146036A	SVJPR 1212 H10 IC	12	12	100	15.5	M5	12	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 1616 K10 IC	7005-146047A	SVJPR 1616 K10 IC	16	16	125	19.5	G1/8"	16	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPL 2020 K10 IC	Call For Details	SVJPR 2020 K10 IC	20	20	125	23.5	G1/8"	20	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPL 3/8" H10 IC	Call For Details	SVJPR 3/8" H10 IC	9.525	9.525	100	13	M5	9.525	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 1/2" H10 IC	7005-146050A	SVJPR 1/2" H10 IC	12.7	12.7	100	16.2	M5	12.7	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 5/8" K10 IC	7005-146051A	SVJPR 5/8" K10 IC	15.875	15.875	125	19.4	G1/8"	15.875	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPL 3/4" K10 IC	7005-146334A	SVJPR 3/4" K10 IC	19.05	19.05	125	22.6	G1/8"	19.05	VP.. 1003	4005-000111	4005-000104

Features (5) connection ports for simple connection to your oil delivery system. (4) Side ports and (1) one end port making connection possible on most machine tool positions.

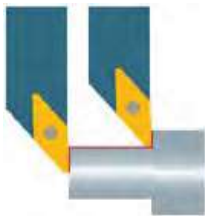


4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks

4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
Fits Position (d) On Tool Holders
Sold Separately.



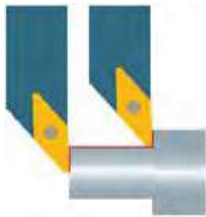
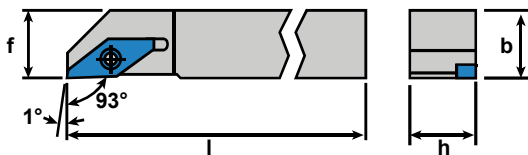
ISO Holder SVJP Reinforced

Type: 93°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features				
Item No.	Description	Item No.	Description	h	b	l	f	Inserts
7005-148839	SVJPL 0810 F10 V	7005-148837	SVJPR 0810 F10 V	8	10	80	10	VP.. 1003
7005-114945	SVJPL 0810 H10 V	7005-114944	SVJPR 0810 H10 V	8	10	100	10	VP.. 1003
7005-148840	SVJPL 1010 F10 V	7005-148838	SVJPR 1010 F10 V	10	10	80	10	VP.. 1003
7005-114019	SVJPL 1010 H10 V	7005-114022	SVJPR 1010 H10 V	10	10	100	10	VP.. 1003
7005-045208	SVJPL 1212 H10 V	7005-045207	SVJPR 1212 H10 V	12	12	100	12	VP.. 1003
7005-114020	SVJPL 1616 K10 V	7005-114023	SVJPR 1616 K10 V	16	16	125	16	VP.. 1003
7005-114021	SVJPL 2020 K10 V	7005-114024	SVJPR 2020 K10 V	20	20	125	20	VP.. 1003
7005-148842	SVJPL 3/8" F10 V	7005-148841	SVJPR 3/8" F10 V	9.525	9.525	80	9.525	VP.. 1003
7005-114027	SVJPL 3/8" H10 V	7005-114025	SVJPR 3/8" H10 V	9.525	9.525	100	9.525	VP.. 1003
7005-114028	SVJPL 1/2" H10 V	7005-114026	SVJPR 1/2" H10 V	12.7	12.7	100	12.7	VP.. 1003
7005-113737	SVJPL 5/8" K10 V	7005-113736	SVJPR 5/8" K10 V	15.875	15.875	125	15.875	VP.. 1003
7005-113739	SVJPL 3/4" K10 V	7005-113738	SVJPR 3/4" K10 V	19.05	19.05	125	19.05	VP.. 1003



ISO Coolant-Thru Holder SVJP Reinforced

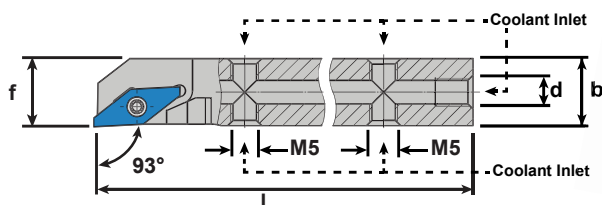
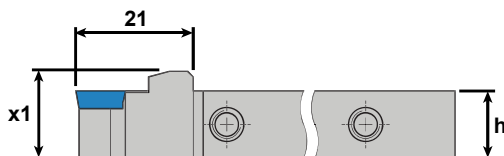
Type: 93°

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Left Hand		Right Hand		Dimensions & Features							Coolant Fittings	
Item No.	Description	Item No.	Description	h	b	l	x ₁	d	f	Inserts	Side	Rear
7005-146456	SVJPL 0810 H10 V IC	7005-146451	SVJPR 0810 H10 V IC	8	10	100	11.5	M5	10	VP.. 1003	4005-000111	4005-000111
7005-146457	SVJPL 1010 H10 V IC	7005-146452	SVJPR 1010 H10 V IC	10	10	100	13.5	M5	10	VP.. 1003	4005-000111	4005-000111
7005-146458	SVJPL 1212 H10 V IC	7005-146453	SVJPR 1212 H10 V IC	12	12	100	15.5	M5	12	VP.. 1003	4005-000111	4005-000111
7005-146459	SVJPL 1616 K10 V IC	7005-146454	SVJPR 1616 K10 V IC	16	16	125	19.5	G1/8"	16	VP.. 1003	4005-000111	4005-000104
7005-146460	SVJPL 2020 K10 V IC	7005-146455	SVJPR 2020 K10 V IC	20	20	125	23.5	G1/8"	20	VP.. 1003	4005-000111	4005-000104
7005-146465	SVJPL 3/8" H10 V IC	7005-146461	SVJPR 3/8" H10 V IC	9.525	9.525	100	13	M5	9.525	VP.. 1003	4005-000111	4005-000111
7005-146466	SVJPL 1/2" H10 V IC	7005-146462	SVJPR 1/2" H10 V IC	12.7	12.7	100	16.2	M5	12.7	VP.. 1003	4005-000111	4005-000111
7005-146467	SVJPL 5/8" K10 V IC	7005-146463	SVJPR 5/8" K10 V IC	15.875	15.875	125	19.4	G1/8"	15.875	VP.. 1003	4005-000111	4005-000104
7005-146468	SVJPL 3/4" K10 V IC	7005-146464	SVJPR 3/4" K10 V IC	19.05	19.05	125	22.6	G1/8"	19.05	VP.. 1003	4005-000111	4005-000104

Features (5) connection ports for simple connection to your oil delivery system. (4) Side ports and (1) one end port making connection possible on most machine tool positions.

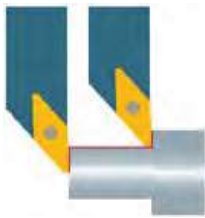


4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks

4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
Fits Position (d) On Tool Holders
Sold Separately.



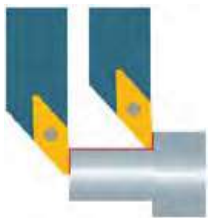
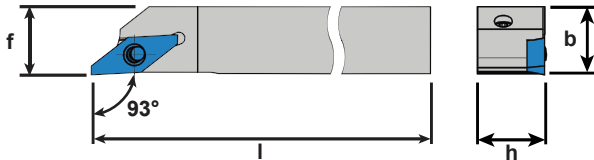
ISO Holder SVJP Fast Change

Type: 93°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features				
Item No.	Description	Item No.	Description	h	b	l	f	Inserts
Call For Details	SVJPL 1212 H10 FC	Call For Details	SVJPR 1212 H10 FC	12	12	100	12	VP.. 1003
Call For Details	SVJPL 1616 K10 FC	Call For Details	SVJPR 1616 K10 FC	16	16	125	16	VP.. 1003
Call For Details	SVJPL 1/2" H10 FC	Call For Details	SVJPR 1/2" H10 FC	12.7	12.7	100	12.7	VP.. 1003
Call For Details	SVJPL 5/8" K10 FC	Call For Details	SVJPR 5/8" K10 FC	15.875	15.875	125	15.875	VP.. 1003



ISO Coolant-Thru Holder SVJP Fast Change

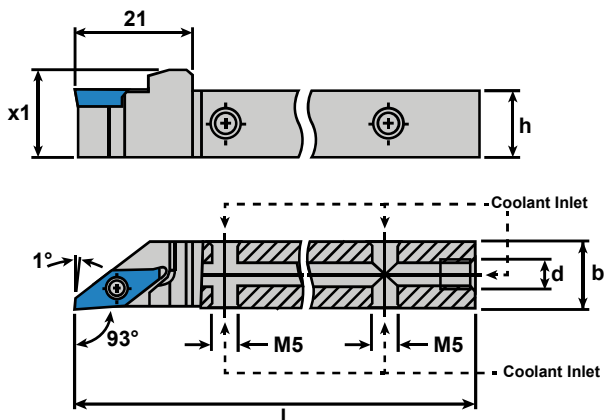
Type: 93°

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Left Hand		Right Hand		Dimensions & Features						Coolant Fittings		
Item No.	Description	Item No.	Description	h	b	l	x ₁	d	f	Inserts	Side	Rear
Call For Details	SVJPL 1212 H10 FC IC	Call For Details	SVJPR 1212 H10 FC IC	12	12	100	15.5	M5	12	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 1616 K10 FC IC	Call For Details	SVJPR 1616 K10 FC IC	16	16	125	19.5	G1/8"	16	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPL 1/2" H10 FC IC	Call For Details	SVJPR 1/2" H10 FC IC	12.7	12.7	100	16.2	M5	12.7	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 5/8" K10 FC IC	Call For Details	SVJPR 5/8" K10 FC IC	15.875	15.875	125	19.4	G1/8"	15.875	VP.. 1003	4005-000111	4005-000104

Features (5) connection ports for simple connection to your oil delivery system. (4) Side ports and (1) one end port making connection possible on most machine tool positions.



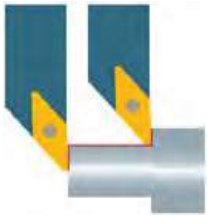
4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks



4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
**Fits Position (d) On Tool Holders
Sold Separately.**



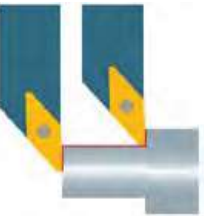
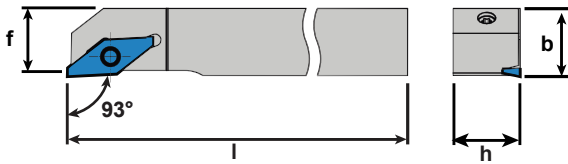
ISO Holder SVJP Reinforced Fast Change

Type: 93°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features				
Item No.	Description	Item No.	Description	h	b	l	f	Inserts
Call For Details	SVJPL 1212 H10 V FC	Call For Details	SVJPR 1212 H10 V FC	12	12	100	12	VP.. 1003
Call For Details	SVJPL 1616 K10 V FC	Call For Details	SVJPR 1616 K10 V FC	16	16	125	16	VP.. 1003
Call For Details	SVJPL 1/2" H10 V FC	Call For Details	SVJPR 1/2" H10 V FC	12.7	12.7	100	12.7	VP.. 1003
Call For Details	SVJPL 5/8" K10 V FC	Call For Details	SVJPR 5/8" K10 V FC	15.875	15.875	125	15.875	VP.. 1003



ISO Coolant-Thru Holder SVJP Reinforced Fast Change

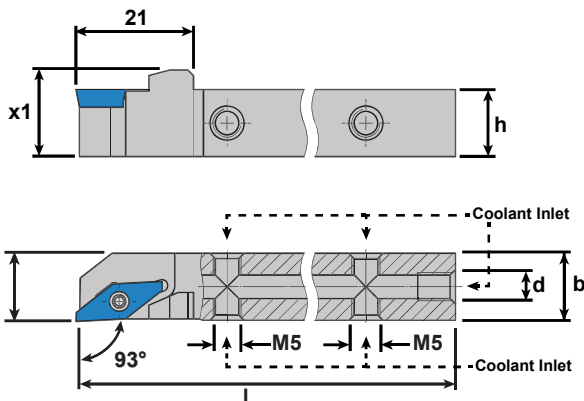
Type: 93°

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Left Hand		Right Hand		Dimensions & Features							Coolant Fittings	
Item No.	Description	Item No.	Description	h	b	l	α_1	d	f	Inserts	Side	Rear
Call For Details	SVJPL 1212 H10 V FC IC	Call For Details	SVJPR 1212 H10 V FC IC	12	12	100	15.5	M5	12	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 1616 K10 V FC IC	Call For Details	SVJPR 1616 K10 V FC IC	16	16	125	19.5	G1/8"	16	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPL 1/2" H10 V FC IC	Call For Details	SVJPR 1/2" H10 V FC IC	12.7	12.7	100	16.2	M5	12.7	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPL 5/8" K10 V FC IC	Call For Details	SVJPR 5/8" K10 V FC IC	15.875	15.875	125	19.4	G1/8"	15.875	VP.. 1003	4005-000111	4005-000104

Features (5) connection ports for simple connection to your oil delivery system: (4) Side ports and (1) one end port making connection possible on most machine tool positions.



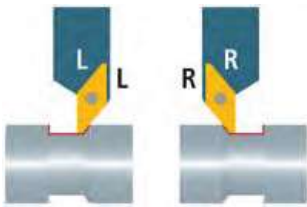
4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks



4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
Fits Position (d) On Tool Holders
Sold Separately.



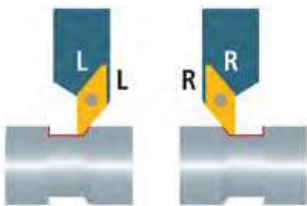
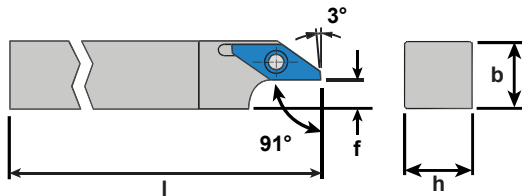
ISO Holder SVXP

Type: 91°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features				
Item No.	Description	Item No.	Description	h	b	l	f	Inserts
Call For Details	SVXPL 0810 F10	Call For Details	SVXPR 0810 F10	8	10	80	1	VP.. 1003
Call For Details	SVXPL 0810 H10	Call For Details	SVXPR 0810 H10	8	10	100	1	VP.. 1003
7005-148846	SVXPL 1010 F10	7005-148844	SVXPR 1010 F10	10	10	80	3	VP.. 1003
7005-044081	SVXPL 1010 H10	7005-044082	SVXPR 1010 H10	10	10	100	3	VP.. 1003
7005-044083	SVXPL 1212 H10	7005-044084	SVXPR 1212 H10	12	12	100	5	VP.. 1003
7005-044097	SVXPL 1616 K10	7005-044098	SVXPR 1616 K10	16	16	125	9	VP.. 1003
7005-044099	SVXPL 2020 K10	Call For Details	SVXPR 2020 K10	20	20	125	13	VP.. 1003
7005-148848	SVXPL 3/8" F10	7005-148847	SVXPR 3/8" F10	9.525	9.525	80	2.5	VP.. 1003
7005-114033	SVXPL 3/8" H10	7005-114035	SVXPR 3/8" H10	9.525	9.525	100	2.5	VP.. 1003
7005-114034	SVXPL 1/2" H10	7005-114036	SVXPR 1/2" H10	12.7	12.7	100	5.7	VP.. 1003
7005-113741	SVXPL 5/8" K10	7005-113740	SVXPR 5/8" K10	15.875	15.875	125	8.8	VP.. 1003
7005-113743	SVXPL 3/4" K10	7005-113742	SVXPR 3/4" K10	19.05	19.05	125	12	VP.. 1003



ISO Coolant-Thru Holder SVXP

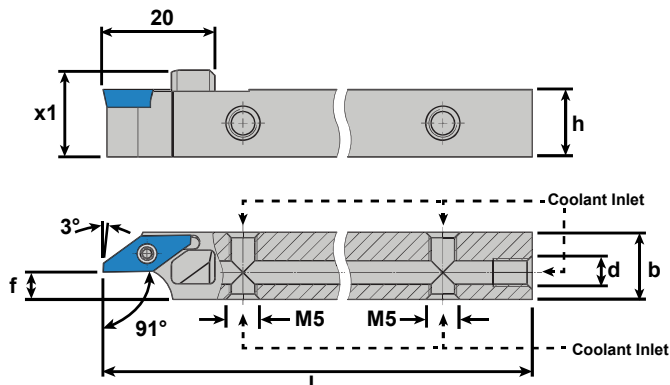
Type: 93°

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Left Hand		Right Hand		Dimensions & Features							Coolant Fittings	
Item No.	Description	Item No.	Description	h	b	l	x ₁	d	f	Inserts	Side	Rear
Call For Details	SVXPL 0808 H10 IC	Call For Details	SVXPR 0808 H10 IC	8	8	100	11.5	M5	1	VP.. 1003	4005-000111	4005-000111
Call For Details	SVXPL 1010 H10 IC	Call For Details	SVXPR 1010 H10 IC	10	10	100	13.5	M5	3	VP.. 1003	4005-000111	4005-000111
7005-146331A	SVXPL 1212 H10 IC	Call For Details	SVXPR 1212 H10 IC	12	12	100	15.5	M5	5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVXPL 1616 K10 IC	Call For Details	SVXPR 1616 K10 IC	16	16	125	19.5	G1/8"	9	VP.. 1003	4005-000111	4005-000104
Call For Details	SVXPL 2020 K10 IC	Call For Details	SVXPR 2020 K10 IC	20	20	125	23.5	G1/8"	13	VP.. 1003	4005-000111	4005-000104
Call For Details	SVXPL 3/8" H10 IC	Call For Details	SVXPR 3/8" H10 IC	9.525	9.525	100	13	M5	2.5	VP.. 1003	4005-000111	4005-000111
7005-146405A	SVXPL 1/2" H10 IC	Call For Details	SVXPR 1/2" H10 IC	12.7	12.7	100	16.2	M5	5.7	VP.. 1003	4005-000111	4005-000111
7005-146408A	SVXPL 5/8" K10 IC	7005-146402A	SVXPR 5/8" K10 IC	15.875	15.875	125	19.4	G1/8"	8.8	VP.. 1003	4005-000111	4005-000104
Call For Details	SVXPL 3/4" K10 IC	Call For Details	SVXPR 3/4" K10 IC	19.05	19.05	125	22.6	G1/8"	12	VP.. 1003	4005-000111	4005-000104

Features (5) connection ports for simple connection to your oil delivery system: (4) Side ports and (1) one end port making connection possible on most machine tool positions.

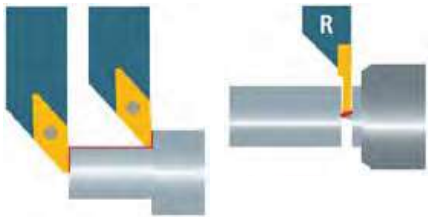


4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks

4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
**Fits Position (d) On Tool Holders
Sold Separately.**



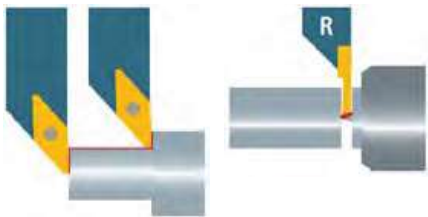
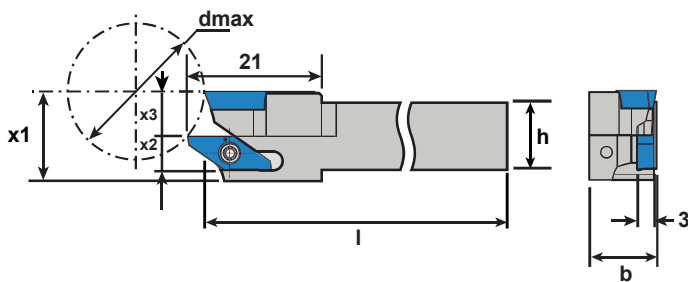
ISO TWIN Holder SVJP

Type: 93°, VP ISO / 1600 Inserts (R-R)

Coolant-Thru: None

Repeatability <20µm

Right - Right		Dimensions & Features								Inserts	
Item No.	Description	h	b	l	x ₁	x ₂	x ₃	d _{max}		Inserts	
Call For Details	SVJPR/1600R-0810 H10 Twin	8	10	100	16	4	8	23		VP.. 1003	16...R
Call For Details	SVJPR/1600R-1010 H10 Twin	10	10	100	16	5	8	23		VP.. 1003	16...R
Call For Details	SVJPR/1600R-1212 H10 Twin	12	12	100	16	6	8	23		VP.. 1003	16...R
Call For Details	SVJPR/1600R-1616 K10 Twin	16	16	125	20	8	10	34		VP.. 1003	16...R
Call For Details	SVJPR/1600R-2020 K10 Twin	20	20	125	24	8	14	63		VP.. 1003	16...R
Call For Details	SVJPR/1600R-3/8" H10 Twin	9.525	9.525	100	16	4.76	8	23		VP.. 1003	16...R
Call For Details	SVJPR/1600R-1/2" H10 Twin	12.7	12.7	100	16	6.35	8	23		VP.. 1003	16...R
Call For Details	SVJPR/1600R-5/8" K10 Twin	15.875	15.875	125	20	7.94	10	34		VP.. 1003	16...R
Call For Details	SVJPR/1600R-3/4" K10 Twin	19.05	19.05	125	24	7.53	14	63		VP.. 1003	16...R



Coolant-Thru ISO TWIN Holder SVJP

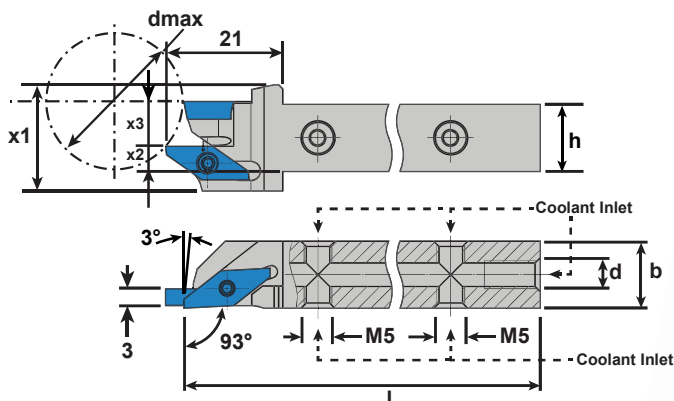
Type: 93°, VP ISO / 1600 Inserts (R-R)

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Right - Right		Dimensions & Features										Coolant Fittings	
Item No.	Description	h	b	l	x ₁	x ₂	x ₃	d	d _{max}	Inserts		Side	Rear
Call For Details	SVJPR/1600R-0810 H10 Twin IC	8	10	100	16	4	8	M5	23	VP.. 1003	16...R	4005-000111	4005-000111
Call For Details	SVJPR/1600R-1010 H10 Twin IC	10	10	100	16	5	8	M5	23	VP.. 1003	16...R	4005-000111	4005-000111
Call For Details	SVJPR/1600R-1212 H10 Twin IC	12	12	100	16	6	8	M5	23	VP.. 1003	16...R	4005-000111	4005-000111
Call For Details	SVJPR/1600R-1616 K10 Twin IC	16	16	125	20	8	10	G1/8"	34	VP.. 1003	16...R	4005-000111	4005-000104
Call For Details	SVJPR/1600R-2020 K10 Twin IC	20	20	125	24	8	14	G1/8"	63	VP.. 1003	16...R	4005-000111	4005-000104
Call For Details	SVJPR/1600R-3/8" H10 Twin IC	9.525	9.525	100	16	4.76	8	M5	23	VP.. 1003	16...R	4005-000111	4005-000111
Call For Details	SVJPR/1600R-1/2" H10 Twin IC	12.7	12.7	100	16	6.35	8	M5	23	VP.. 1003	16...R	4005-000111	4005-000111
Call For Details	SVJPR/1600R-5/8" K10 Twin IC	15.875	15.875	125	20	7.94	10	G1/8"	34	VP.. 1003	16...R	4005-000111	4005-000104
Call For Details	SVJPR/1600R-3/4" K10 Twin IC	19.05	19.05	125	24	7.53	14	G1/8"	63	VP.. 1003	16...R	4005-000111	4005-000104

Features (5) connection ports for simple connection to your oil delivery system: (4) Side ports and (1) one end port making connection possible on most machine tool positions.

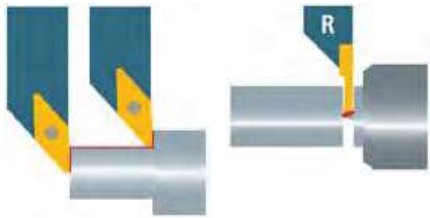


4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks

4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
Fits Position (d) On Tool Holders
Sold Separately.



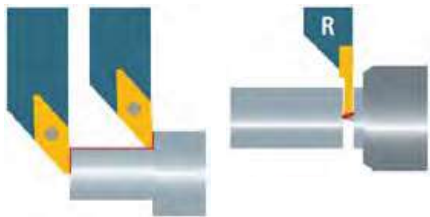
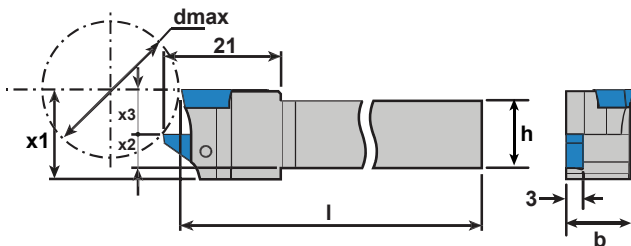
ISO TWIN Holder SVJP

Type: 93°, VP ISO / 1600 Inserts (R-L)

Coolant-Thru: None

Repeatability <20µm

Right - Left		Dimensions & Features								Inserts	
Item No.	Description	h	b	l	x ₁	x ₂	x ₃	d _{max}			
Call For Details	SVJPR/1600L-0810 H10 Twin	8	10	100	16	4	8	23		VP.. 1003	16...L
Call For Details	SVJPR/1600L-1010 H10 Twin	10	10	100	16	5	8	23		VP.. 1003	16...L
Call For Details	SVJPR/1600L-1212 H10 Twin	12	12	100	16	6	8	23		VP.. 1003	16...L
Call For Details	SVJPR/1600L-1616 K10 Twin	16	16	125	20	8	12	33		VP.. 1003	16...L
Call For Details	SVJPR/1600L-2020 K10 Twin	20	20	125	24	8	14	63		VP.. 1003	16...L
Call For Details	SVJPR/1600L-3/8" H10 Twin	9.525	9.525	100	16	4.76	8	23		VP.. 1003	16...L
Call For Details	SVJPR/1600L-1/2" H10 Twin	12.7	12.7	100	16	6.35	8	23		VP.. 1003	16...L
Call For Details	SVJPR/1600L-5/8" K10 Twin	15.875	15.875	125	20	7.94	10	33		VP.. 1003	16...L
Call For Details	SVJPR/1600L-3/4" K10 Twin	19.05	19.05	125	24	7.53	14	63		VP.. 1003	16...L



Coolant-Thru ISO TWIN Holder SVJP

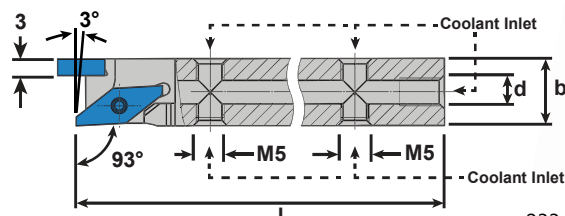
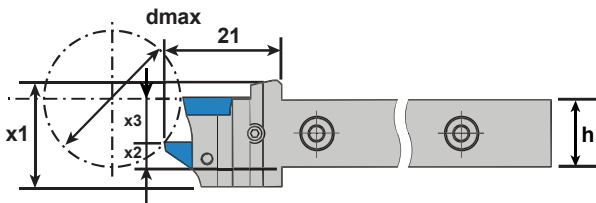
Type: 93°, VP ISO / 1600 Inserts (R-L)

Coolant-Thru: Rear & Side Ports

Repeatability <10µm

Right - Left		Dimensions & Features										Coolant Fittings			
Item No.	Description	h	b	l	x ₁	x ₂	x ₃	d	d _{max}	Inserts		Side	Rear		
Call For Details	SVJPR/1600L-0810 H10 Twin IC	8	10	100	19	2.5	8	M5	23	VP.. 1003	16...L	4005-000111	4005-000111		
Call For Details	SVJPR/1600L-1010 H10 Twin IC	10	10	100	19	3.5	8	M5	23	VP.. 1003	16...L	4005-000111	4005-000111		
Call For Details	SVJPR/1600L-1212 H10 Twin IC	12	12	100	19	4.5	8	M5	23	VP.. 1003	16...L	4005-000111	4005-000111		
Call For Details	SVJPR/1600L-1616 K10 Twin IC	16	16	125	23	6.5	10	G1/8"	34	VP.. 1003	16...L	4005-000111	4005-000104		
Call For Details	SVJPR/1600L-2020 K10 Twin IC	20	20	125	27	6.5	14	G1/8"	63	VP.. 1003	16...L	4005-000111	4005-000104		
Call For Details	SVJPR/1600L-3/8" H10 Twin IC	9.525	9.525	100	19	3.26	8	M5	23	VP.. 1003	16...L	4005-000111	4005-000111		
Call For Details	SVJPR/1600L-1/2" H10 Twin IC	12.7	12.7	100	19	4.85	8	M5	23	VP.. 1003	16...L	4005-000111	4005-000111		
Call For Details	SVJPR/1600L-5/8" K10 Twin IC	15.875	15.875	125	23	6.44	10	G1/8"	34	VP.. 1003	16...L	4005-000111	4005-000104		
Call For Details	SVJPR/1600L-3/4" K10 Twin IC	19.05	19.05	125	27	6.03	14	G1/8"	63	VP.. 1003	16...L	4005-000111	4005-000104		

Features (5) connection ports for simple connection to your oil delivery system: (4) Side ports and (1) one end port making connection possible on most machine tool positions.



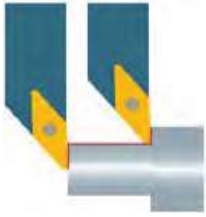
4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks



4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
Fits Position (d) On Tool Holders
Sold Separately.



Coolant-Thru ISO Y-Axis Holder

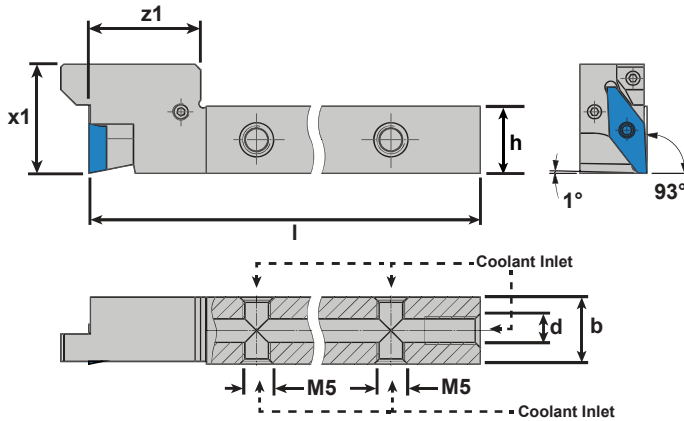
Type: 93°, VP ISO Inserts

Coolant-Thru: Rear & Side Ports

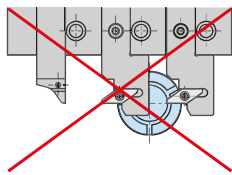
Repeatability <10µm

Right Hand		Dimensions & Features							Coolant Fittings	
Item No.	Description	h	b	l	z ₁	x ₁	d	Inserts	Side	Rear
Call For Details	SVJPR YA-1212 H10-20 IC	12	12	100	20	19.5	M5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPR YA-1212 H10-25 IC	12	12	100	25	19.5	M5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPR YA-1212 H10-30 IC	12	12	100	30	19.5	M5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPR YA-1616 K10-20 IC	16	16	125	20	19.5	G1/8	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPR YA-1616 K10-25 IC	16	16	125	25	19.5	G1/8	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPR YA-1616 K10-30 IC	16	16	125	30	19.5	G1/8	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPR YA-1/2" H10-20 IC	1/2"	1/2"	100	20	19.5	M5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPR YA-1/2" H10-25 IC	1/2"	1/2"	100	25	19.5	M5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPR YA-1/2" H10-30 IC	1/2"	1/2"	100	30	19.5	M5	VP.. 1003	4005-000111	4005-000111
Call For Details	SVJPR YA-5/8" K10-20 IC	5/8"	5/8"	125	20	19.5	G1/8	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPR YA-5/8" K10-25 IC	5/8"	5/8"	125	25	19.5	G1/8	VP.. 1003	4005-000111	4005-000104
Call For Details	SVJPR YA-5/8" K10-30 IC	5/8"	5/8"	125	30	19.5	G1/8	VP.. 1003	4005-000111	4005-000104

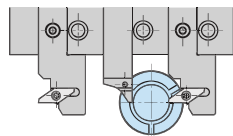
Features (5) connection ports for simple connection to your oil delivery system. (4) Side ports and (1) one end port making connection possible on most machine tool positions.



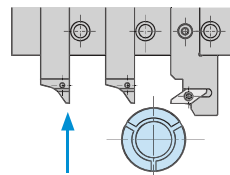
Usage notes:



To avoid problems, two Y-AXIS holders must not be mounted directly next to each other.



Mount a standard tool holder between the Y-AXIS holders.



To prevent collisions, move back the holder in accordance with the overhanging length before changing the tool position.



4005-000111

Connects to side ports on ALL Shank sizes
0° Male Union - M5-0.8 to 1/4 JIC Flare Fitting
Included With All Coolant-Thru Shanks



4005-000104

Connects to end port on 5/8" and larger shanks
0° Male Union - 1/8 BSPP to 1/4 JIC Flare Fitting
**Fits Position (d) On Tool Holders
Sold Separately.**

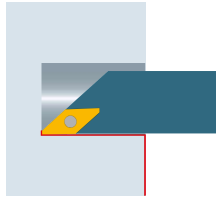
multidec® SHORT

multidec® SHORT coolant-thru holders enable the use of multidec® turning inserts on commonly available quick change tooling systems. **multidec® 1600, 3000, ISO VC, & ISO VP** series inserts are currently available.

See Pg. 237 For Full Details



3000 Series Insert Shown



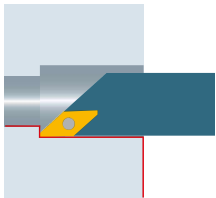
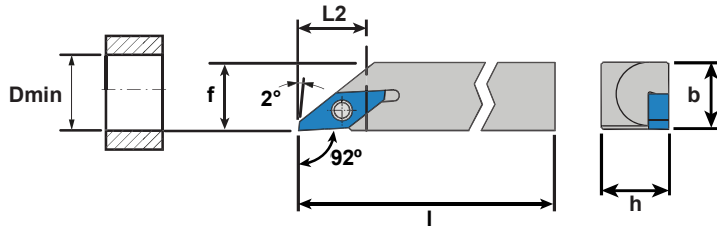
ISO Holder SVJP

Type: 92°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features						
Item No.	Description	Item No.	Description	h	b	l	l ₂	f	D _{min}	Inserts
7005-043108	SVJPL 1212 XH10	7005-043109	SVJPR 1212 XH10	12	12	100	12	12.2	16	VP.. 1003
7005-043210	SVJPL 1616 XK10	7005-043211	SVJPR 1616 XK10	16	16	125	12	16.2	16	VP.. 1003



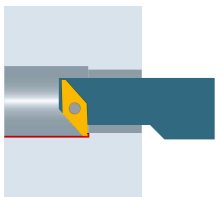
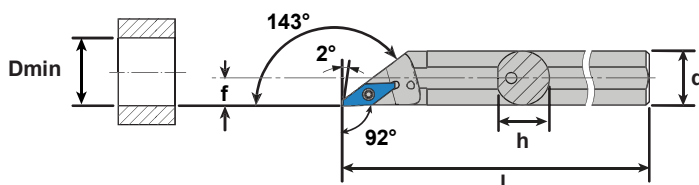
ISO Round Shank Holder SVOP

Type: 92°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features					
Item No.	Description	Item No.	Description	d	h	l	f	D _{min}	Inserts
7005-044348	A16M SVOPL 10	7005-044349	A16M SVOPR 10	16	15.3	150	8.3	16	VP.. 1003



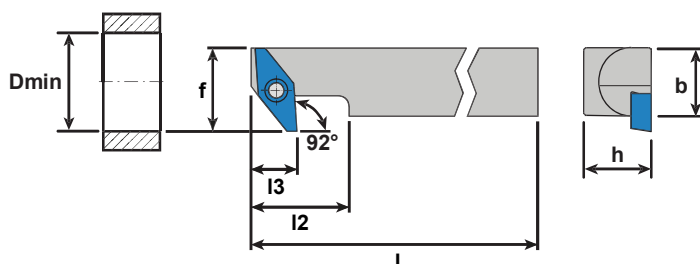
ISO Holder SVQP

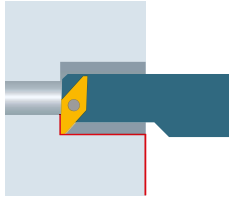
Type: 92°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features							
Item No.	Description	Item No.	Description	h	b	l	l ₂	l ₃	f	D _{min}	Inserts
7005-044061	SVQPL 1212 XH10	7005-044062	SVQPR 1212 XH10	12	12	100	12	7.7	15.7	16	VP.. 1003
7005-044063	SVQPL 1616 XK10	7005-044064	SVQPR 1616 XK10	16	16	125	12	7.7	15.7	16	VP.. 1003





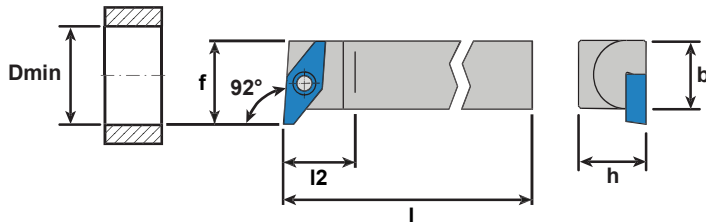
ISO Holder SVUP

Type: 92°

Coolant-Thru: None

Repeatability <20µm

Left Hand		Right Hand		Dimensions & Features						
Item No.	Description	Item No.	Description	h	b	l	l ₂	f	D _{min}	Inserts
7005-044057	SVUPL 1212 XH10	7005-044058	SVUPR 1212 XH10	12	12	100	12	15.7	17	VP.. 1003
7005-044059	SVUPL 1616 XK10	7005-044060	SVUPR 1616 XK10	16	16	125	12	15.7	17	VP.. 1003



ISO Series - Spare Parts

Spare Part	Item No.	Description	Type	Dimension	Fits Holders...
SCREWS	7005-127518	MSP 25060 T08	Torx T8 Screw	M2x6 T08	SC...06 / SD...07 / SV...11
	7005-127527	MSP 35110 T15	Torx T15 Screw	M3.5x11 T15	SC...09 / SD...11 / SV...16
	7005-127481	MSP 40110 TP15	TorxPLUS 15 Screw	M4x11 TP15	SDJN...11
	7005-127528	MSP 45120 T15	Torx T15 Screw	M4.5x12 T15	SC...12
TORX SCREW DRIVERS	7510-000100	WTF-T08-S	T8 Torx Driver	T8	SC...06 / SD...07 / SV...11
	7510-000101	WTF-T15-S	T15 Torx Driver	T15	SC...09 / SC...12 / SD...11 / SV...16
	7005-127904	MSP TXP15	TorxPLUS Driver	TP15	SDJN...11
PRECISION CALIBRATED TORQUE DRIVERS	7510-000109	WTD-T08-D	(1.3nm) .95 ft lb. Torque Driver	T8	SC...06 / SD...07 / SV...11
	7510-000112	WTD-T15-D	(3nm) 2.2 ft lb. Torque Driver	T15	SC...09 / SC...12 / SD...11 / SV...16
FITTINGS FOR COOLANT-THRU HOLDERS	4005-000111	M5 Fitting	Side & End Ports	M5 Male to 1/4" JIC Male	All M5 Coolant Ports
	4005-000104	G1/8 Fitting	End Ports	G1/8 to 1/4" JIC Male	All G1/8" Coolant Ports



SCREWS



TORX SCREW DRIVERS



PRECISION CALIBRATED TORQUE DRIVERS



FITTINGS