

GOLD-SLOT™

MILLING PRODUCTS

Slotters:

- 3VJ4V

Inserts:

- IXH

Widths:

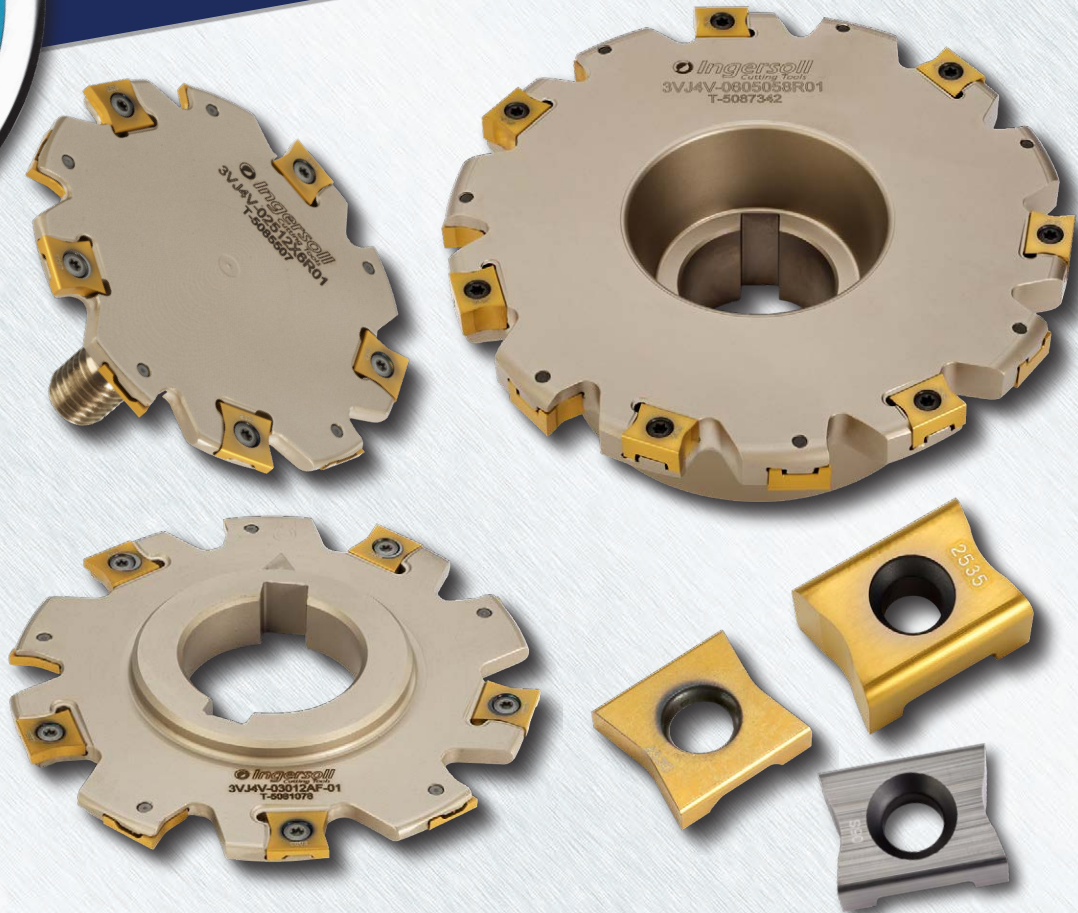
- .125", .156", .187"
- .250", .312", .375"
- .500"

Grades:

- IN2505
- IN2535
- IN4005
- IN4015
- IN4030
- IN4035
- IN05S

Applications:

- Slotting
- Back Facing



Un-matched Performance and Reliability in a Thin Slotter Design

Gold-Slot™ offers unique seating surfaces for maximum protection for both the insert and the cutter body. Available with axial drive, radial drive or Top-On adaptations. Gold-Slot™ inserts are available in various radii and grades including polished inserts for non-ferrous materials. Inserts have 4 edges which can be used in either the right-hand or left-hand pocket.

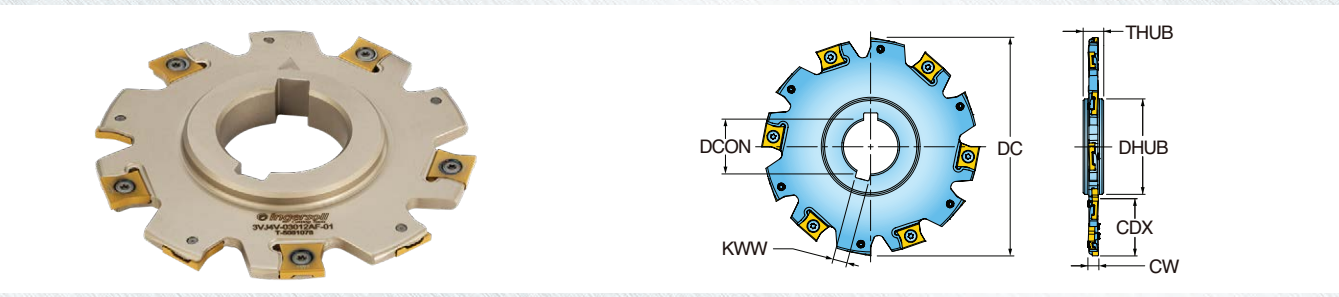
Features & Benefits

- Significant advances in durability, accuracy and rigidity
- Diameters ranging from 1.50" thru 8.00"
- Cutting widths of .125" thru .500"
- Latest PVD oxide and nano scale multi-layer coatings
- Same insert used in RH and LH stations



GOLD[®]SLOT™ SERIES 3VJ4V

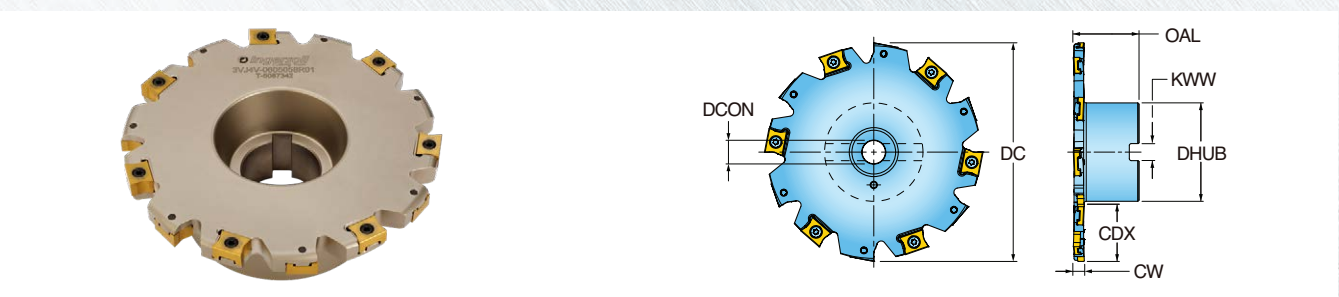
AXIAL DRIVE SLOTTER - .125 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEPF Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-03012AF-01	3.000	0.125	0.660	5	10	1.560	0.375	1.000	0.250	IXH211
3VJ4V-04012AF-01	4.000	0.125	1.070	7	14	1.750	0.375	1.000	0.250	IXH211

*Insert screw tightening torque: 4-7 in*lb.

RADIAL DRIVE SLOTTER - .125 CUTTING WIDTH



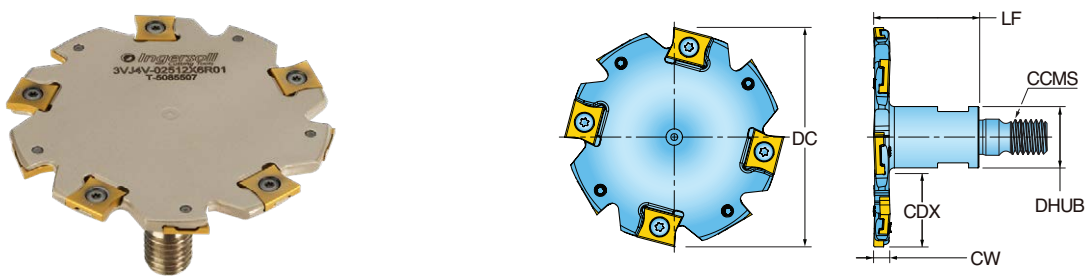
Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEPF Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-02012D1R01	2.500	0.125	0.580	1.380	4	8	1.180	0.750	0.310	IXH211
3VJ4V-03012D1R01	3.000	0.125	0.670	1.500	5	10	1.500	0.750	0.310	IXH211
3VJ4V-04012D3R01	4.000	0.125	1.040	1.500	7	14	1.750	1.000	0.380	IXH211

*Insert screw tightening torque: 4-7 in*lb.



GOLD^oSLOT™ SERIES 3VJ4V

TOP-ON STYLE SLOTTER - .125 CUTTING WIDTH



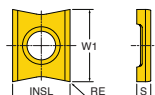
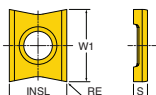
Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	LF Functional Length	ZEFP Effective Teeth	ZNP Insert Count	CCMS Connection Code Machine Side	DHUB Hub Dia.	Insert Series
3VJ4V-01512X5R01	1.500	0.125	0.410	0.800	3	6	TopOn M08	0.500	IXH211
3VJ4V-02012X6R01	2.000	0.125	0.570	0.800	4	8	TopOn M10	0.700	IXH211
3VJ4V-02512X6R01	2.500	0.125	0.820	0.800	5	10	TopOn M10	0.700	IXH211

*Insert screw tightening torque: 4-7 in*lb.

GOLD^oSLOT™ IXH211 INSERTS

IXH211-G01







IXH211-G01-P



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN05S	IN2505	IN2535	IN4005	IN4030
IXH211-G01	Multi-Purpose	0.310	0.330	0.070	0.015			•	•	•	•
IXH211-G01-P	Aluminum	0.310	0.330	0.070	0.015		•				



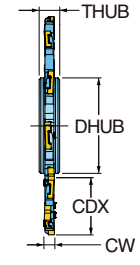
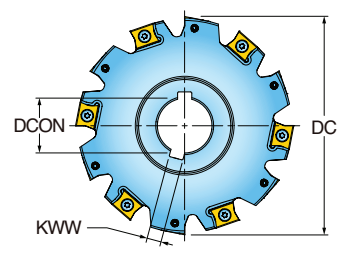
GOLD•SLOT™ HARDWARE

IXH211 Series	 Insert Screw	 Driver	 Retention Bolt	 Torque Driver Handle **OPTIONAL**	 Preset Torque Bit **OPTIONAL**	 Torque Driver Bit **OPTIONAL**	
3VJ4V-03012AF-01	SM25-025-80	DS-T06F	-	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-04012AF-01	SM25-025-80	DS-T06F	-	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-02012D1R01	SM25-025-80	DS-T06F	SD-06-46	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-03012D1R01	SM25-025-80	DS-T06F	SD-06-46	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-04012D3R01	SM25-025-80	DS-T06F	SD-08-46	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-01512X5R01	SM25-025-80	DS-T06F	-	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-02012X6R01	SM25-025-80	DS-T06F	-	DS-A00-.25-S	DT-05-.25	DS-T06B	
3VJ4V-02512X6R01	SM25-025-80	DS-T06F	-	DS-A00-.25-S	DT-05-.25	DS-T06B	



GOLD[®]SLOT™ SERIES 3VJ4V

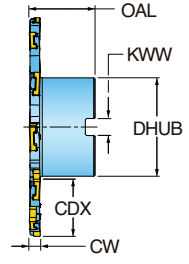
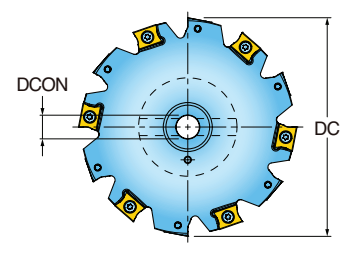
AXIAL DRIVE SLOTTED - .156 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEPF Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-03015AF-01	3.000	0.156	0.66	5	10	1.56	0.375	1.000	0.25	IXH311
3VJ4V-04015AF-01	4.000	0.156	1.07	6	12	1.75	0.375	1.000	0.25	IXH311
3VJ4V-06015AG-01	6.000	0.156	2.01	9	18	1.87	0.375	1.000	0.25	IXH311

*Insert screw tightening torque: 10-13 in*lb.

RADIAL DRIVE SLOTTED - .156 CUTTING WIDTH



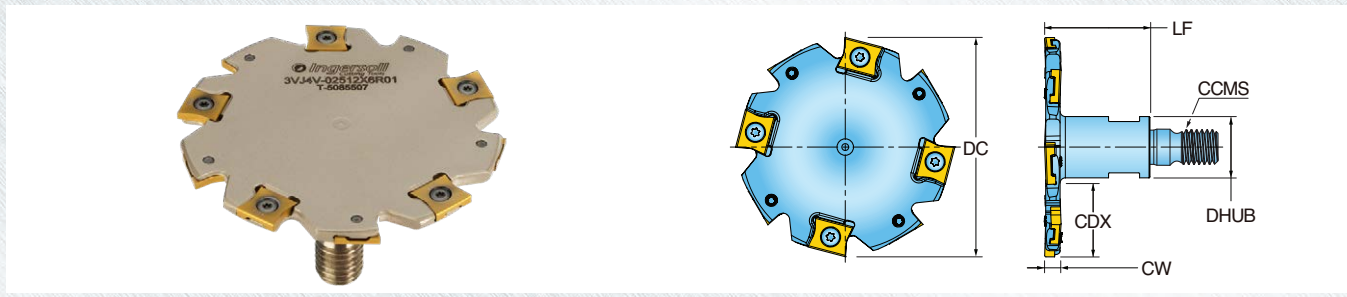
Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEPF Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-02015D1R01	2.500	0.156	0.55	1.380	4	8	1.180	0.750	0.31	IXH311
3VJ4V-03015D1R01	3.000	0.156	0.67	1.500	5	10	1.500	0.750	0.31	IXH311
3VJ4V-04015D3R01	4.000	0.156	1.04	1.500	6	12	1.750	1.000	0.38	IXH311
3VJ4V-0601558R01	6.000	0.156	1.38	2.000	9	18	3.070	1.500	0.63	IXH311

*Insert screw tightening torque: 10-13 in*lb.



GOLD^oSLOT™ SERIES 3VJ4V

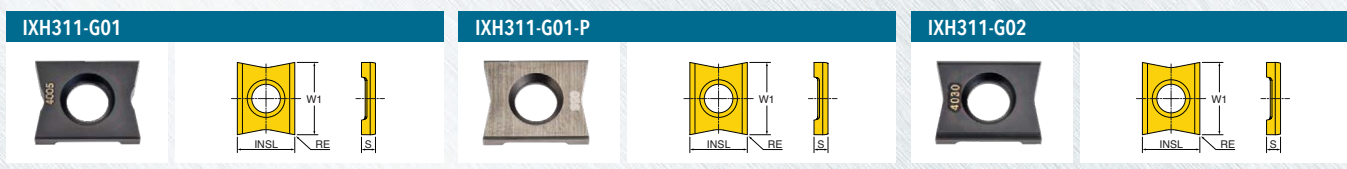
TOP-ON STYLE SLOTTER - .156 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	LF Functional Length	ZEFP Effective Teeth	ZNP Insert Count	CCMS Connection Code Machine Side	DHUB Hub Dia.	Insert Series
3VJ4V-02015X6R01	2.000	0.156	0.560	1.000	3	6	TopOn M10	0.700	IXH311
3VJ4V-02515X6R01	2.500	0.156	0.820	1.000	4	8	TopOn M10	0.700	IXH311

*Insert screw tightening torque: 10-13 in*lb.







GOLD^oSLOT™ IXH311 INSERTS



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN055	IN2505	IN2535	IN4005	IN4015	IN4030
IXH311-G01	Multi-Purpose	0.350	0.440	0.085	0.015		•	•	•	•	•	•
IXH311-G01-P	Aluminum	0.350	0.440	0.085	0.015		•					
IXH311-G02	Multi-Purpose	0.350	0.440	0.085	0.031			•	•	•		•

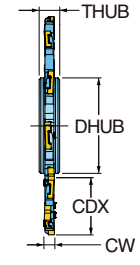
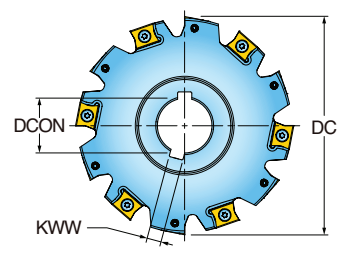


GOLD•SLOT™ HARDWARE

IXH311 Series	 Insert Screw	 Driver	 Retention Bolt	 Torque Driver Handle **OPTIONAL**	 Preset Torque Bit **OPTIONAL**	 Torque Driver Bit **OPTIONAL**	
3VJ4V-03015AF-01	SM35-034-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-04015AF-01	SM35-034-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-06015AG-01	SM35-034-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-02015D1R01	SM35-034-50	DS-T09W	SD-06-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-03015D1R01	SM35-034-50	DS-T09W	SD-06-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-04015D3R01	SM35-034-50	DS-T09W	SD-08-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-0601558R01	SM35-034-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-02015X6R01	SM35-034-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-02515X6R01	SM35-034-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	

GOLD^oSLOT™ SERIES 3VJ4V

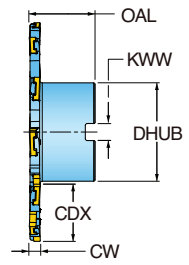
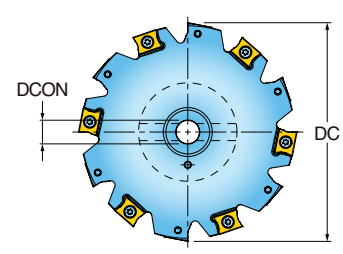
AXIAL DRIVE SLOTTER - .187 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEPF Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-03018AF-01	3.000	0.187	0.660	5	10	1.560	0.375	1.000	0.250	IXH312
3VJ4V-04018AF-01	4.000	0.187	1.070	6	12	1.750	0.375	1.000	0.250	IXH312
3VJ4V-05018AG-01	5.000	0.187	1.510	7	14	1.870	0.375	1.250	0.310	IXH312
3VJ4V-06018AG-01	6.000	0.187	2.010	9	18	1.870	0.375	1.250	0.310	IXH312

*Insert screw tightening torque: 10-13 in*lb.

RADIAL DRIVE SLOTTER - .187 CUTTING WIDTH

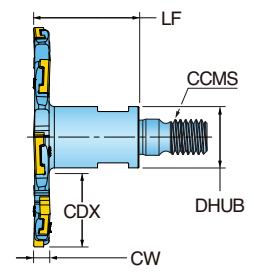
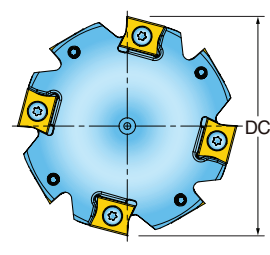
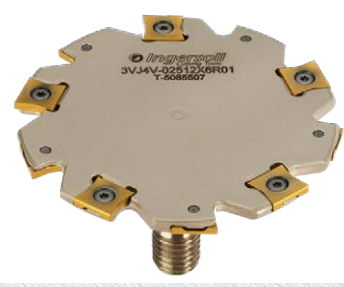
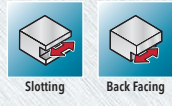


Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEPF Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-02018D1R01	2.500	0.187	0.550	1.380	4	8	1.180	0.750	0.310	IXH312
3VJ4V-03018D1R01	3.000	0.187	0.670	1.500	5	10	1.500	0.750	0.310	IXH312
3VJ4V-04018D3R01	4.000	0.187	1.040	1.500	6	12	1.750	1.000	0.380	IXH312
3VJ4V-05018D3R01	5.000	0.187	1.290	1.500	7	14	2.250	1.000	0.380	IXH312
3VJ4V-06018S8R01	6.000	0.187	1.380	2.000	9	18	3.070	1.500	0.630	IXH312

*Insert screw tightening torque: 10-13 in*lb.

GOLD^oSLOT™ SERIES 3VJ4V

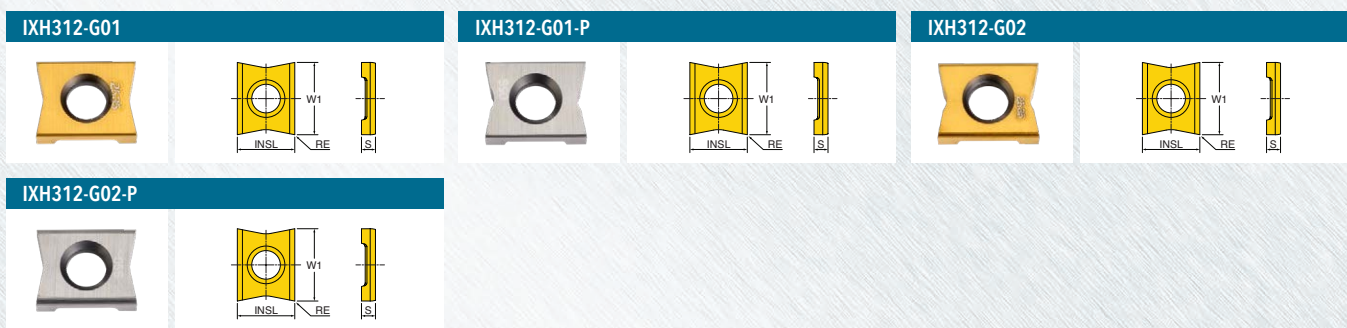
TOP-ON STYLE SLOTTER - .187 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	LF Functional Length	ZEFP Effective Teeth	ZNP Insert Count	CCMS Connection Code Machine Side	DHUB Hub Dia.	Insert Series
3VJ4V-02018X6R01	2.000	0.187	0.560	1.200	3	6	TopON M10	0.700	IXH312
3VJ4V-02518X6R01	2.500	0.187	0.820	1.200	4	8	TopON M10	0.700	IXH312
3VJ4V-03518X8R01	3.000	0.187	1.100	1.000	5	10	TopON M16	1.130	IXH312

*Insert screw tightening torque: 10-13 in*lb.


GOLD^oSLOT™ IXH312 INSERTS



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN055	IN2505	IN2530	IN2535	IN4005	IN4015	IN4030
IXH312-G01	Multi-Purpose	0.350	0.440	0.113	0.015		•			•	•	•	•
IXH312-G01-P	Aluminum	0.350	0.440	0.113	0.015	•							
IXH312-G02	Multi-Purpose	0.350	0.440	0.113	0.031		•	•	•	•	•	•	•
IXH312-G02-P	Aluminum	0.350	0.440	0.113	0.031	•							



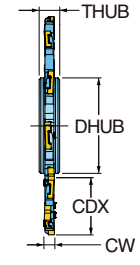
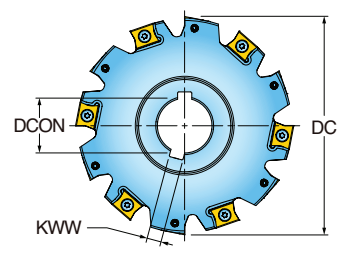
GOLD•SLOT™ HARDWARE

IXH312 Series	 Insert Screw	 Driver	 Retention Bolt	 Torque Driver Handle **OPTIONAL**	 Preset Torque Bit **OPTIONAL**	 Torque Driver Bit **OPTIONAL**	
3VJ4V-03018AF-01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-04018AF-01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-05018AG-01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-06018AG-01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-02018D1R01	SM35-042-50	DS-T09W	SD-06-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-03018D1R01	SM35-042-50	DS-T09W	SD-06-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-04018D3R01	SM35-042-50	DS-T09W	SD-08-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-05018D3R01	SM35-042-50	DS-T09W	SD-08-46	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-0601858R01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-02018X6R01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-02518X6R01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	
3VJ4V-03518X8R01	SM35-042-50	DS-T09W	-	DS-A00-.25-S	DT-11-.25	DS-T09B	



GOLD^oSLOT™ SERIES 3VJ4V

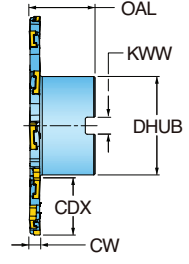
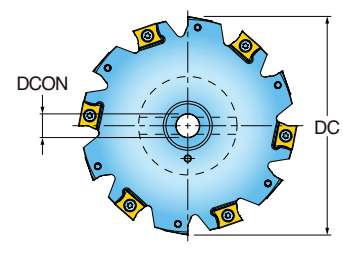
AXIAL DRIVE SLOTTER - .250 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEFP Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04025AF-01	4.000	0.250	1.070	5	10	1.750	0.375	1.000	0.250	IXH412
3VJ4V-05025AF-01	5.000	0.250	1.510	6	12	1.870	0.375	1.000	0.250	IXH412
3VJ4V-06025AG-01	6.000	0.250	2.010	7	14	1.870	0.375	1.250	0.310	IXH412
3VJ4V-08025AH-01	8.000	0.250	2.570	9	18	2.750	0.375	1.500	0.380	IXH412

*Insert screw tightening torque: 30-35 in*lb.

RADIAL DRIVE SLOTTER - .250 CUTTING WIDTH

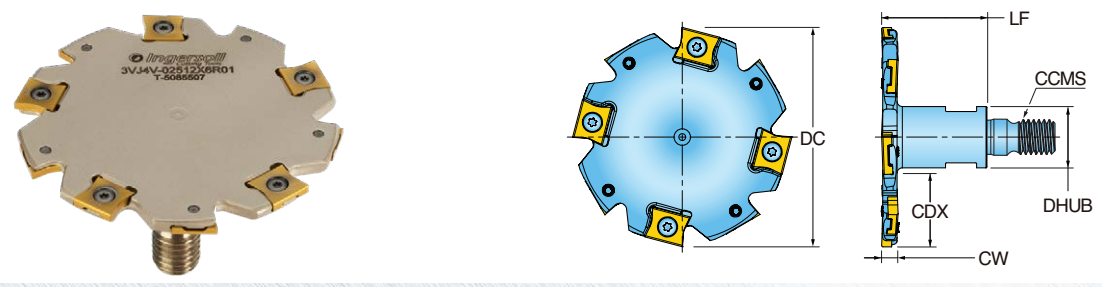


Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEFP Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-02025D1R01	2.500	0.250	0.580	1.500	3	6	1.180	0.750	0.310	IXH412
3VJ4V-03025D1R01	3.000	0.250	0.670	1.500	4	8	1.500	0.750	0.310	IXH412
3VJ4V-04025D3R01	4.000	0.250	1.040	1.500	5	10	1.750	1.000	0.380	IXH412
3VJ4V-05025D3R01	5.000	0.250	1.290	1.500	6	12	2.250	1.000	0.380	IXH412
3VJ4V-0602558R01	6.000	0.250	1.380	2.000	7	14	3.070	1.000	0.630	IXH412

*Insert screw tightening torque: 30-35 in*lb.

GOLD^oSLOT™ SERIES 3VJ4V

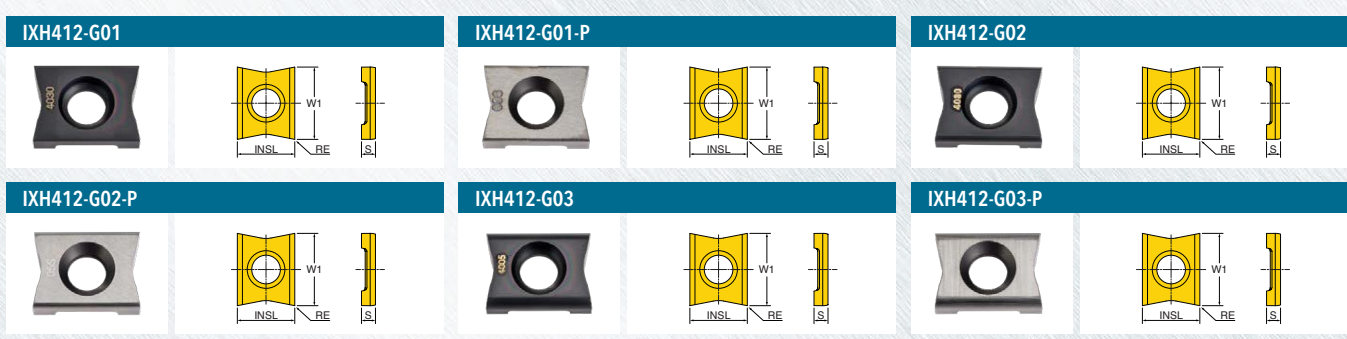
TOP-ON STYLE SLOTTER - .250 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	LF Functional Length	ZEFP Effective Teeth	ZNP Insert Count	CCMS Connection Code Machine Side	DHUB Hub Dia.	Insert Series
3VJ4V-02525X6R01	2.500	0.250	0.820	1.400	3	6	TopOn M10	0.700	IXH412

*Insert screw tightening torque: 30-35 in*lb.








GOLD^oSLOT™ IXH412 INSERTS



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN055	IN2505	IN2535	IN4005	IN4015	IN4030
IXH412-G01	Multi-Purpose	0.420	0.553	0.153	0.015		•	•	•	•	•	
IXH412-G01-P	Aluminum	0.420	0.553	0.153	0.015		•					
IXH412-G02	Multi-Purpose	0.419	0.553	0.153	0.031		•	•	•	•	•	
IXH412-G02-P	Aluminum	0.419	0.553	0.153	0.031		•					
IXH412-G03	Multi-Purpose	0.417	0.552	0.153	0.062		•		•			•
IXH412-G03-P	Aluminum	0.417	0.552	0.153	0.062		•					

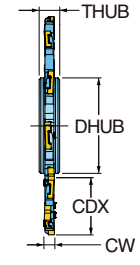
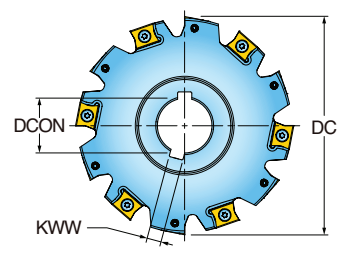


GOLD•SLOT™ HARDWARE

IXH412 Series							
	Insert Screw	Driver Handle	Driver Bit	Retention Bolt	Torque Driver Handle **OPTIONAL**	Preset Torque Bit **OPTIONAL**	Torque Driver Bit **OPTIONAL**
3VJ4V-04025AF-01	SM40-055-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-05025AF-01	SM40-055-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-06025AG-01	SM40-055-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-08025AH-01	SM40-055-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-02025D1R01	SM40-055-50	DS-A00T	DS-T156B	SD-06-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-03025D1R01	SM40-055-50	DS-A00T	DS-T156B	SD-06-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-04025D3R01	SM40-055-50	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-05025D3R01	SM40-055-50	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0602558R01	SM40-055-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-02525X6R01	SM40-055-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B

GOLD-SLOT™ SERIES 3VJ4V

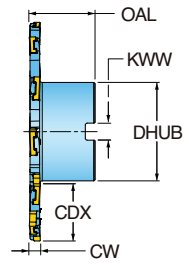
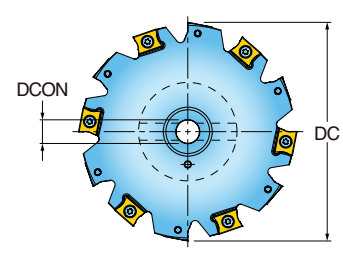
AXIAL DRIVE SLOTTER - .312 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEFP Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04031AG-01	4.000	0.312	1.020	5	10	1.870	0.375	1.250	0.310	IXH413
3VJ4V-05031AG-01	5.000	0.312	1.510	6	12	1.870	0.375	1.250	0.310	IXH413
3VJ4V-06031AG-01	6.000	0.312	2.020	7	14	1.870	0.375	1.250	0.310	IXH413
3VJ4V-08031AH-01	8.000	0.312	2.580	9	18	2.750	0.375	1.500	0.380	IXH413

*Insert screw tightening torque: 30-35 in*lb.

RADIAL DRIVE SLOTTER - .312 CUTTING WIDTH

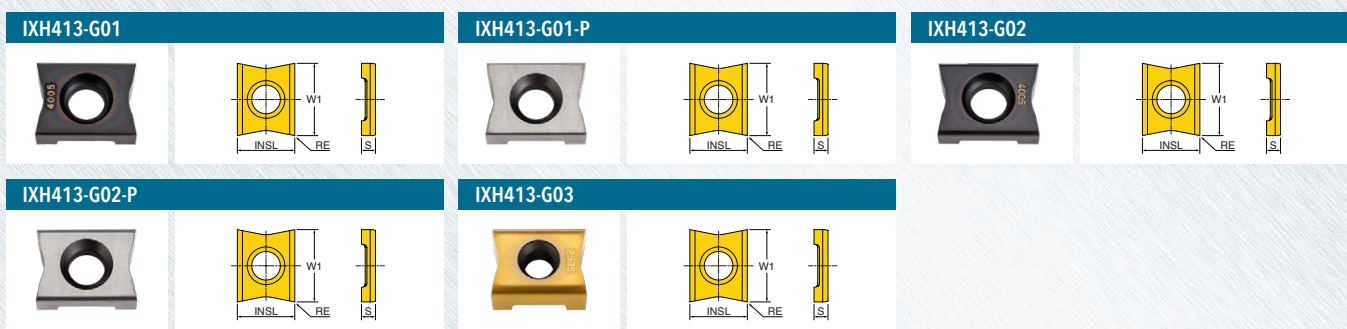


Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEFP Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04031D3R01	4.000	0.312	1.040	1.500	5	10	1.750	1.000	0.380	IXH413
3VJ4V-0603158R01	6.000	0.312	1.380	2.000	7	14	3.070	1.500	0.630	IXH413
3VJ4V-0803158R01	8.000	0.312	2.020	2.000	9	18	3.800	1.500	0.630	IXH413

*Insert screw tightening torque: 30-35 in*lb.



GOLD^oSLOT™ IXH413 INSERTS



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN05S	IN2505	IN2535	IN4005	IN4030
IXH413-G01	Multi-Purpose	0.423	0.554	0.191	0.015			•	•	•	•
IXH413-G01-P	Aluminum	0.423	0.554	0.191	0.015		•				
IXH413-G02	Multi-Purpose	0.421	0.553	0.191	0.031			•	•	•	•
IXH413-G02-P	Aluminum	0.421	0.553	0.191	0.031		•				
IXH413-G03	Multi-Purpose	0.421	0.553	0.191	0.062			•			•

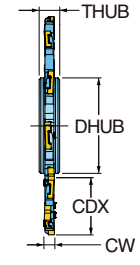
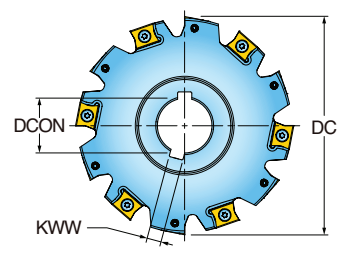
GOLD^oSLOT™ HARDWARE

IXH413 Series	Insert Screw	Driver Handle	Driver Bit	Retention Bolt	**OPTIONAL** Torque Driver Handle	**OPTIONAL** Preset Torque Bit	**OPTIONAL** Torque Driver Bit
3VJ4V-04031AG-01	SM40-070-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-05031AG-01	SM40-070-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-06031AG-01	SM40-070-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-08031AH-01	SM40-070-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-04031D3R01	SM40-070-50	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0603158R01	SM40-070-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0803158R01	SM40-070-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B



GOLD^oSLOT™ SERIES 3VJ4V

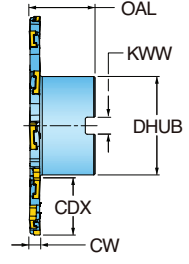
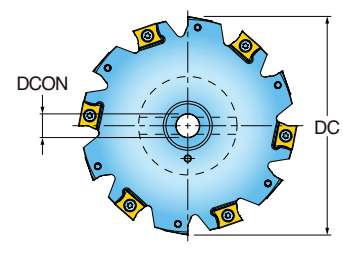
AXIAL DRIVE SLOTTOR - .375 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEPF Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04037AG-01	4.000	0.375	1.020	5	10	1.870	0.375	1.250	0.310	IXH414
3VJ4V-06037AG-01	6.000	0.375	2.020	7	14	1.870	0.375	1.250	0.310	IXH414
3VJ4V-08037AH-01	8.000	0.375	2.580	9	18	2.750	0.375	1.500	0.380	IXH414

*Insert screw tightening torque: 30-35 in*lb.

RADIAL DRIVE SLOTTOR - .375 CUTTING WIDTH

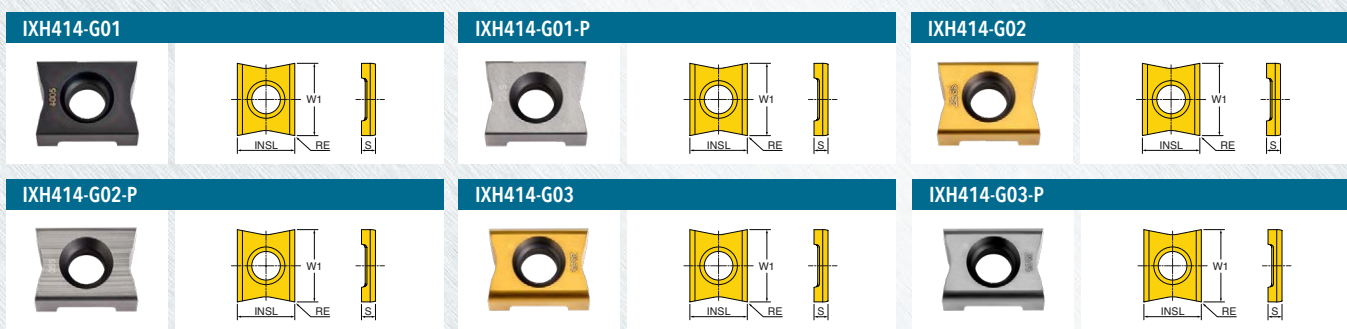


Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEPF Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04037D3R01	4.000	0.375	1.040	1.500	5	10	1.750	1.000	0.380	IXH414
3VJ4V-05037D3R01	5.000	0.375	1.290	1.500	6	12	2.250	1.000	0.380	IXH414
3VJ4V-0603758R01	6.000	0.375	1.380	2.000	7	14	3.070	1.500	0.630	IXH414
3VJ4V-0803758R01	8.000	0.375	2.020	2.000	9	18	3.800	1.500	0.630	IXH414

*Insert screw tightening torque: 30-35 in*lb.



GOLD^oSLOT™ IXH414 INSERTS



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN05S	IN2505	IN2535	IN4005	IN4030
IXH414-G01	Multi-Purpose	0.424	0.554	0.231	.015R			•	•	•	•
IXH414-G01-P	Aluminum	0.424	0.554	0.231	.015R		•				
IXH414-G02	Multi-Purpose	0.423	0.554	0.231	.031R			•	•	•	•
IXH414-G02-P	Aluminum	0.423	0.554	0.231	.031R		•				
IXH414-G03	Multi-Purpose	0.421	0.553	0.231	.062R			•	•	•	•
IXH414-G03-P	Aluminum	0.421	0.553	0.231	.062R		•				

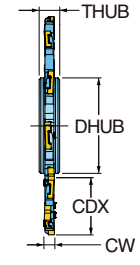
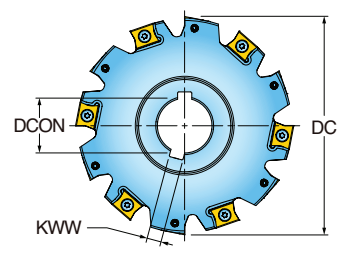
GOLD^oSLOT™ HARDWARE

IXH413 Series	Insert Screw	Driver Handle	Driver Bit	Retention Bolt	Torque Driver Handle **OPTIONAL**	Preset Torque Bit **OPTIONAL**	Torque Driver Bit **OPTIONAL**
3VJ4V-04037AG-01	SM40-080-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-06037AG-01	SM40-080-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-08037AH-01	SM40-080-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-04037D3R01	SM40-080-50	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-05037D3R01	SM40-080-50	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0603758R01	SM40-080-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0803758R01	SM40-080-50	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B



GOLD^oSLOT™ SERIES 3VJ4V

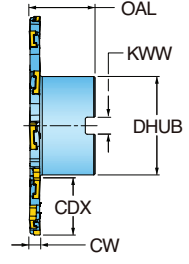
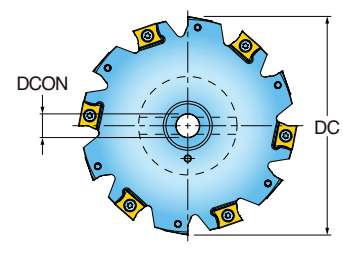
AXIAL DRIVE SLOTTER - .500 CUTTING WIDTH



Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	ZEFP Effective Teeth	ZNP Insert Count	DHUB Hub Dia.	THUB Hub Thickness	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04050AG-01	4.000	0.500	0.830	5	10	2.250	0.375	1.250	0.310	IXH415
3VJ4V-05050AH-01	5.000	0.500	1.080	6	12	2.750	0.500	1.500	0.380	IXH415
3VJ4V-06050AH-01	6.000	0.500	1.580	7	14	2.750	0.500	1.500	0.380	IXH415
3VJ4V-08050AK-01	8.000	0.500	2.200	9	18	3.500	0.500	2.000	0.500	IXH415

*Insert screw tightening torque: 30-35 in*lb.

RADIAL DRIVE SLOTTER - .500 CUTTING WIDTH

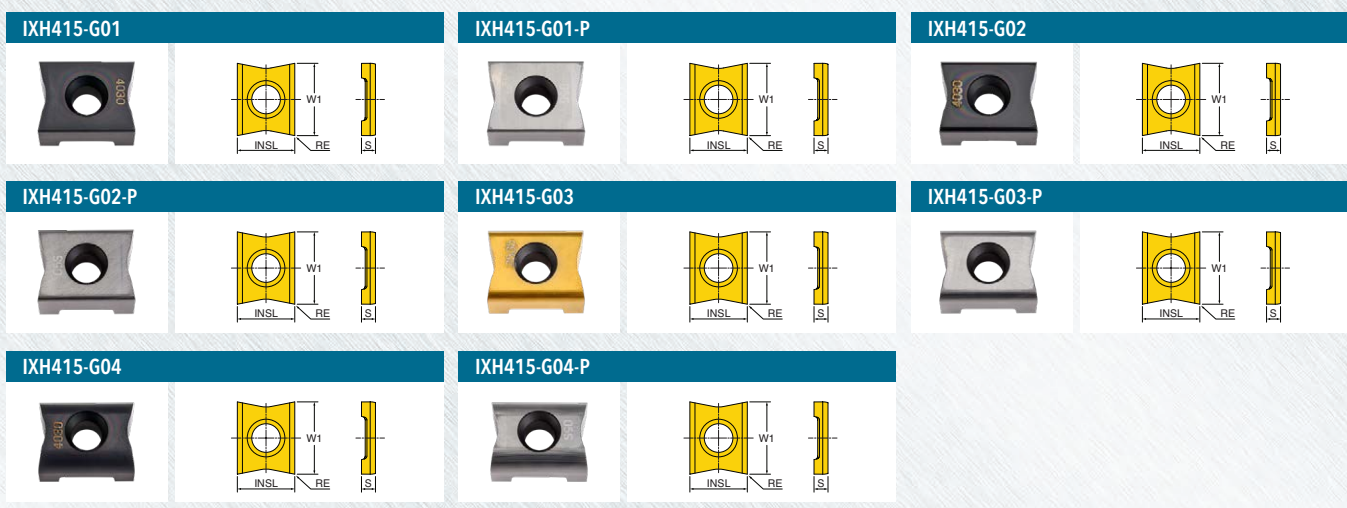


Part Number	DC Cutting Dia.	CW Cutting Width	CDX Cutting Depth Max.	OAL Overall Length	ZEFP Eff. Teeth Periphery	ZNP Periphery Insert Count	DHUB Hub Dia.	DCON Bore Dia.	KWW Keyway	Insert Series
3VJ4V-04050D3R01	4.000	0.500	0.920	1.500	5	10	2.000	1.000	0.380	IXH415
3VJ4V-05050D3R01	5.000	0.500	1.040	1.500	6	12	2.750	1.000	0.380	IXH415
3VJ4V-06050S8R01	6.000	0.500	1.010	2.000	7	14	3.800	1.500	0.630	IXH415
3VJ4V-08050S8R01	8.000	0.500	2.010	2.000	9	18	3.800	1.500	0.630	IXH415

*Insert screw tightening torque: 30-35 in*lb.










GOLD^oSLOT™ IXH415 INSERTS



Part Number	Application	INSL Insert Length	W1 Insert Width	S Thickness	RE Corner Radius	Grade	IN055	IN2505	IN2535	IN4005	IN4015	IN4030	IN4035
IXH415-G01	Multi-Purpose	0.428	0.555	0.298	0.015		•	•	•	•	•	•	•
IXH415-G01-P	Aluminum	0.428	0.555	0.298	0.015		•						
IXH415-G02	Multi-Purpose	0.427	0.554	0.298	0.031		•	•	•	•	•	•	•
IXH415-G02-P	Aluminum	0.427	0.554	0.298	0.031		•						
IXH415-G03	Multi-Purpose	0.425	0.554	0.298	0.062		•	•	•	•	•	•	•
IXH415-G03-P	Aluminum	0.425	0.554	0.298	0.062		•						
IXH415-G04	Multi-Purpose	0.420	0.553	0.298	0.125		•	•	•	•	•	•	•
IXH415-G04-P	Aluminum	0.420	0.553	0.298	0.125		•						

GOLD^oSLOT™ HARDWARE

IXH415 Series	 Insert Screw	 Driver Handle	 Driver Bit	 Retention Bolt	 Torque Driver Handle	 Preset Torque Bit	 Torque Driver Bit
3VJ4V-04050AG-01	SM40-110-00	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-05050AH-01	SM40-110-00	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-06050AH-01	SM40-110-00	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-08050AK-01	SM40-110-00	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-04050D3R01	SM40-110-00	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-05050D3R01	SM40-110-00	DS-A00T	DS-T156B	SD-08-46	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0605058R01	SM40-110-00	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B
3VJ4V-0805058R01	SM40-110-00	DS-A00T	DS-T156B	-	DS-A00-.25-T	DT-35-.25	DS-T15B



GOLD^oSLOT™ OPERATING GUIDELINES

ISO	Materials			Vc Cutting Speed SFM	fz Feed/ Tooth (inch) WOC .187 & Below	fz Feed/ Tooth (inch) WOC .250 & Above	Harder <-----> Tougher							Coolant
	Mat'l Group #VDI 3323	Type	Examples				IN4015	IN4005	IN2505	IN055	IN4030	IN4035	IN2535	
P	1 - 5	Non-alloy Steel	1018, A36, 1045, A572, 1070	350 - 600	.002 - .006	.004 - .010	1	2		3				
	6 - 9	Low-alloy Steel	4140, 4340, P20, 8620, 300M	250 - 500	.002 - .006	.004 - .010	1	2		3				NO
	10 - 11	High-alloy Steel	H13, A2, D2, M2, T1	250 - 400	.002 - .006	.004 - .010	2	1		3				
M	12 - 13	Stainless Steel (Ferritic & Martensitic)	410, 416, 440	300 - 600	.002 - .006	.004 - .010				3	2	1		May not be required at high speeds
	14	Stainless Steel (Austenitic)	303, 304, 316, 15-5, 17-4	250 - 400	.002 - .006	.004 - .010				3	2	1		YES
K	15 - 16	Gray Cast Iron	CLS. 20, 30, 45	400 - 750	.002 - .006	.004 - .010	1	2	3					NO
	17 - 20	Nodular Cast Iron	60-40-18, 100-70-03	300 - 650	.002 - .006	.004 - .010		1	2		3			
N	21 - 30	Aluminum	7075, 6061	1000+	.004 - .008	.006 - .015			2	1				YES
S	31 - 35	High-Temp Alloys	Inconel, Hastelloy, Nimonic, Monel	75 - 120	.002 - .006	.004 - .010					3	2	1	YES
	36 - 37	Titanium Alloys	6Al-4V, 5Al-5Mo-5V-3Cr	100 - 150	.002 - .006	.004 - .010					3	2	1	
H	38 - 39	Hardened Steel >48	A2, O1, D2	150 - 300	.002 - .004	.004 - .006		2	1					NO

Note: Feed and speed recommendations are starting operating parameters. They are only guidelines from which further optimization should take place. Operating parameters are influenced by many machining variables. These variables may cause for reductions in feeds and speed or dramatic increases. Additionally, DOC and WOC may need to be revised to optimize the tools performance.