

Grooving / Threading Toolholder Denomination



1.Toolholder type	2.Type of tool	3.Insert specifications
1.External toolholders -No code required 2.Internal toolholders - A16 / A16M / A = Steel with coolant S = Solid steel E = Carbide with coolant 3.Interchangeable head - 810.32/.....	DU - U Series	2R 3R 4R 5R R 6R 2L 3L 4L 5L 6L L Insert size Size 2 3 4 5 6 Inch Metric .150 .195 .255 .380 .383 3.81 4.95 6.48 9.65 9.73
4.Insert Mounting Location	5.Hand of Tool	
S - Side mount E - End mount R - Undercut mount N - Side mount, No offset	R - Right L - Left	
6.External toolholder info	7. End code	8.Additional code
Inch: 6 / 16 /	Internal info Size info Material info Special info Designated info Additional info	Supplementary info, is used to indicate the end of the code

PLEASE CONTACT DELTON USA FOR THE QUOTE, ORDER AND DELIVERY:
sales@delton-usa.com, 248-881-1847

Grooving / Threading Insert Denomination



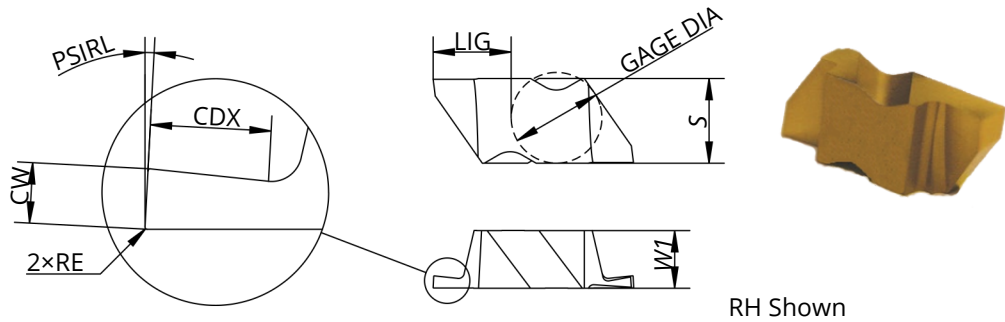
1.Type of insert	2.Insert specifications	3.Number of insert	4.Metric size
DU - U Series	2R 3R 4R 5R R 6R 2L 3L 4L 5L 6L L Insert size Size 2 3 4 5 6 Inch Metric .150 .195 .255 .380 .383 3.81 4.95 6.48 9.65 9.73	S - Single edge D - Double edges	M
5.Insert style	6.Size information	7.Additional info	
Grooving F - Face Grooving G - Grooving R - Full Radius U - Undercut V - Poly Vee For special forms B - Blank Threading T - 60 Thread TA - Acme TAS - Acme Stub TB - Buttress TP - API Thread TJ - UNJ Thread TN - NPT Thread TU - UN Thread	Inch/Metric sizes Example: Inch: .125 = 125 Metric: 1.50 = 150	Used to distinguish between different supplementary information for different categories	
8.Insert position	9.Chipbreaker style	10. End code	11.Additional code
R - Right L - Left N - Middle	P0 - 0° Rake angle P5 - 5° Positive rake N5 - 5° Negative rake	Internal info Size info Material info Special info Designated info Additional info	Supplementary info, is used to indicate the end of the code

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U-Grooving

Insert - R
(G ...R-P0)



* PSIRL=3° CWTOL=+0.05/0 RETOL=±0.03

Size	Insert Description	Grade			CW		RE		CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric			Inch	Metric				
U2R	DU2RD-G031R-P0	★	★		.031	0.79	.002/.005		.050	1.27	.150	.219	.2700	.1875
	DU2RD-G041R-P0	★	★		.041	1.04	.002/.005		.050	1.27				
	DU2RD-G047R-P0	★	★		.047	1.19	.002/.005		.050	1.27				
	DU2RD-G058R-P0	★	★		.085	1.47	.005/.010		.050	1.27				
	DU2RD-G062R-P0	★	★		.062	1.57	.005/.010		.110	2.79				
	DU2RD-G094R-P0	★	★		.094	2.39	.005/.010		.110	2.79				
	DU2RD-G125R-P0	★	★		.125	3.18	.005/.010		.110	2.79				
U3R	DU3RD-G031R-P0	★	★		.031	0.79	.002/.005		.050	1.27	.195	.344	.4050	.3750
	DU3RD-G047R-P0	★	★		.047	1.19	.005/.010		.075	1.90				
	DU3RD-G062R-P0	★	★		.062	1.57	.005/.010		.120	3.05				
	DU3RD-G072R-P0	★	★		.072	1.83	.005/.010		.120	3.05				
	DU3RD-G078R-P0	★	★		.078	1.98	.005/.010		.120	3.05				
	DU3RD-G088R-P0	★	★		.088	2.24	.005/.010		.180	4.57				
	DU3RD-G094R-P0	★	★		.094	2.39	.005/.010		.180	4.57				
	DU3RD-G097R-P0	★	★		.097	2.46	.010/.015		.180	4.57				
	DU3RD-G105R-P0	★	★		.105	2.67	.005/.010		.180	4.57				
	DU3RD-G110R-P0	★	★		.110	2.79	.005/.010		.180	4.57				
	DU3RD-G122R-P0	★	★		.122	3.10	.005/.010		.180	4.57				
	DU3RD-G125R-P0	★	★		.125	3.18	.005/.010		.180	4.57				
	DU3RD-G142R-P0	★	★		.142	3.61	.005/.010		.180	4.57				
	DU3RD-G156R-P0	★	★		.156	3.96	.005/.010		.180	4.57				
	DU3RD-G178R-P0	★	★		.178	4.52	.005/.010		.180	4.57				
	DU3RD-G185R-P0	★	★		.185	4.70	.020/.025		.180	4.57				
	DU3RD-G189R-P0	★	★		.189	4.80	.020/.025		.180	4.57				
U4R	DU4RD-G125R-P0	★	★		.125	3.18	.005/.010		.250	6.35	.255	.453	.6360	.3750
	DU4RD-G189R-P0	★	★		.189	4.80	.020/.025		.250	6.35				
	DU4RD-G213R-P0	★	★		.213	5.41	.005/.010		.250	6.35				
	DU4RD-G219R-P0	★	★		.219	5.56	.020/.025		.250	6.35				
	DU4RD-G250R-P0	★	★		.250	6.35	.020/.025		.250	6.35				
U5R	DU5RD-G250R-P0	★	★		.250	6.35	.020/.025		.375	9.53	.380	.688	.9520	.5000
	DU5RD-G281R-P0	★	★		.281	7.14	.030/.035		.375	9.53				
	DU5RD-G312R-P0	★	★		.312	7.92	.030/.035		.375	9.53				
	DU5RD-G344R-P0	★	★		.344	8.74	.030/.035		.375	9.53				
	DU5RD-G375R-P0	★	★		.375	9.53	.030/.035		.375	9.53				
U6R	DU6RD-G281R-P0	★	★		.281	7.14	.030/.035		.250	6.35	.383	.453	.6360	.3750
	DU6RD-G312R-P0	★	★		.312	7.92	.030/.035		.250	6.35				
	DU6RD-G375R-P0	★	★		.375	9.53	.030/.035		.250	6.35				

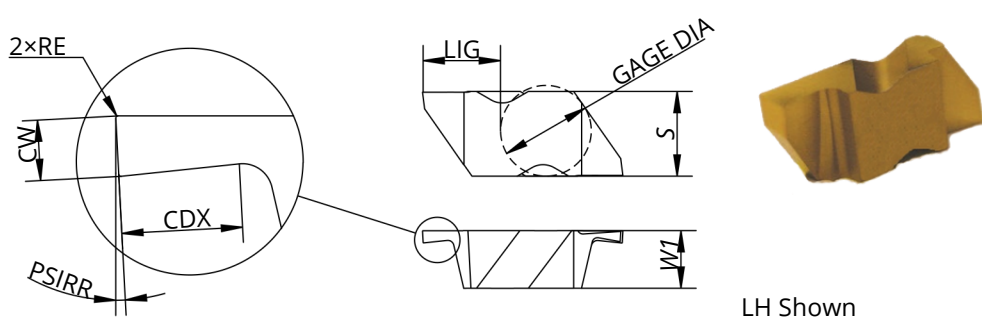
- Product order number = Insert Description + Grade

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U-Grooving

Insert - L
(G ...L-P0)



* PSIRR=3° CWTOL=+0.05/0 RETOL=±0.03

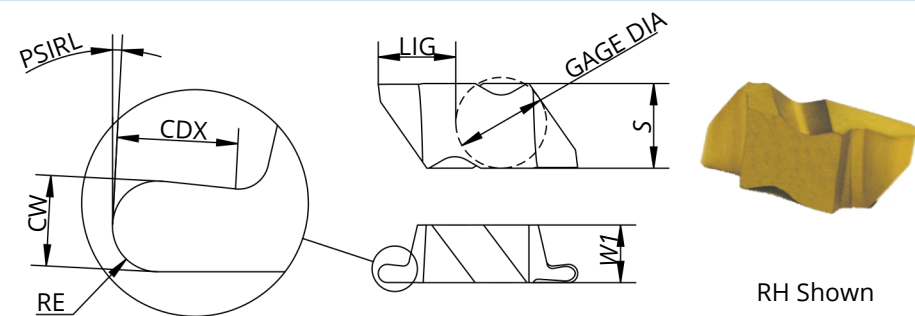
Size	Insert Description	Grade			CW		RE		CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric			Inch	Metric				
U2L	DU2LD-G031L-P0	★	★		.031	0.79	.002/.005		.050	1.27	.150	.219	.2700	.1875
	DU2LD-G041L-P0	★	★		.041	1.04	.002/.005		.050	1.27				
	DU2LD-G047L-P0	★	★		.047	1.19	.002/.005		.050	1.27				
	DU2LD-G058L-P0	★	★		.085	1.47	.005/.010		.050	1.27				
	DU2LD-G062L-P0	★	★		.062	1.57	.005/.010		.110	2.79				
	DU2LD-G094L-P0	★	★		.094	2.39	.005/.010		.110	2.79				
	DU2LD-G125L-P0	★	★		.125	3.18	.005/.010		.110	2.79				
U3L	DU3LD-G031L-P0	★	★		.031	0.79	.002/.005		.050	1.27	.195	.344	.4050	.3750
	DU3LD-G047L-P0	★	★		.047	1.19	.005/.010		.075	1.90				
	DU3LD-G062L-P0	★	★		.062	1.57	.005/.010		.120	3.05				
	DU3LD-G072L-P0	★	★		.072	1.83	.005/.010		.120	3.05				
	DU3LD-G078L-P0	★	★		.078	1.98	.005/.010		.120	3.05				
	DU3LD-G088L-P0	★	★		.088	2.24	.005/.010		.180	4.57				
	DU3LD-G094L-P0	★	★		.094	2.39	.005/.010		.180	4.57				
	DU3LD-G097L-P0	★	★		.097	2.46	.010/.015		.180	4.57				
	DU3LD-G105L-P0	★	★		.105	2.67	.005/.010		.180	4.57				
	DU3LD-G110L-P0	★	★		.110	2.79	.005/.010		.180	4.57				
	DU3LD-G122L-P0	★	★		.122	3.10	.005/.010		.180	4.57				
	DU3LD-G125L-P0	★	★		.125	3.18	.005/.010		.180	4.57				
	DU3LD-G142L-P0	★	★		.142	3.61	.005/.010		.180	4.57				
	DU3LD-G156L-P0	★	★		.156	3.96	.005/.010		.180	4.57				
	DU3LD-G178L-P0	★	★		.178	4.52	.005/.010		.180	4.57				
	DU3LD-G185L-P0	★	★		.185	4.70	.020/.025		.180	4.57				
	DU3LD-G189L-P0	★	★		.189	4.80	.020/.025		.180	4.57				
U4L	DU4LD-G125L-P0	★	★		.125	3.18	.005/.010		.250	6.35	.255	.453	.6360	.3750
	DU4LD-G189L-P0	★	★		.189	4.80	.020/.025		.250	6.35				
	DU4LD-G213L-P0	★	★		.213	5.41	.005/.010		.250	6.35				
	DU4LD-G219L-P0	★	★		.219	5.56	.020/.025		.250	6.35				
	DU4LD-G250L-P0	★	★		.250	6.35	.020/.025		.250	6.35				
U5L	DU5LD-G250L-P0	★	★		.250	6.35	.020/.025		.375	9.53	.380	.688	.9520	.5000
	DU5LD-G281L-P0	★	★		.281	7.14	.030/.035		.375	9.53				
	DU5LD-G312L-P0	★	★		.312	7.92	.030/.035		.375	9.53				
	DU5LD-G344L-P0	★	★		.344	8.74	.030/.035		.375	9.53				
	DU5LD-G375L-P0	★	★		.375	9.53	.030/.035		.375	9.53				
U6L	DU6LD-G281L-P0	★	★		.281	7.14	.030/.035		.250	6.35	.383	.453	.6360	.3750
	DU6LD-G312L-P0	★	★		.312	7.92	.030/.035		.250	6.35				
	DU6LD-G375L-P0	★	★		.375	9.53	.030/.035		.250	6.35				

- Product order number = Insert Description + Grade

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U-Grooving

Insert - R/L
(R ...R/L-P0)
CW -fullnose radius



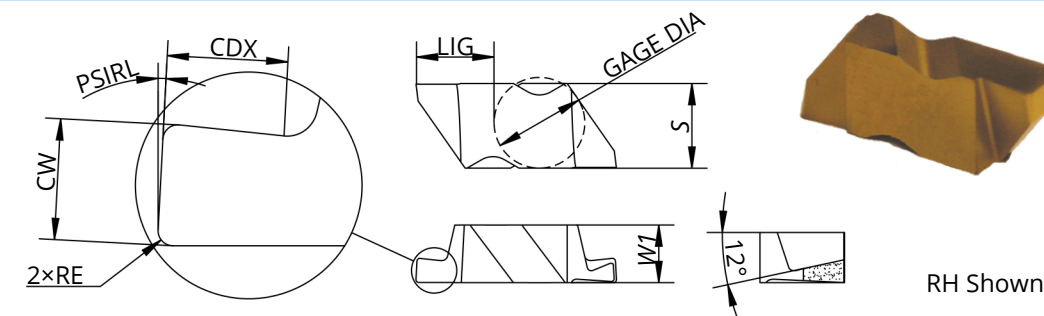
* PSIRL=3° CWTOL=+0.05/0 RETOL=±0.03

Size	Insert Description	Grade			CW		RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric		Inch	Metric				
U2R	DU2RD-R031R-P0	★	★		.062	1.57	.031	.110	2.79	.150	.219	.2683	.1875
	DU2RD-R047R-P0	★	★		.094	2.39	.047	.110	2.79			.2675	
	DU2RD-R062R-P0	★	★		.125	3.18	.062	.110	2.79			.2667	
U2L	DU2RD-L031L-P0	★	★		.062	1.57	.031	.110	2.79	.150	.219	.2683	.1875
	DU2RD-L047L-P0	★	★		.094	2.39	.047	.110	2.79			.2675	
	DU2RD-L062L-P0	★	★		.125	3.18	.062	.110	2.79			.2667	
U3R	DU3RD-R031R-P0	★	★		.062	1.57	.031	.125	3.18	.195	.344	.4033	.3750
	DU3RD-R047R-P0	★	★		.094	2.39	.047	.180	4.57			.4025	
	DU3RD-R062R-P0	★	★		.125	3.18	.062	.120	3.05			.4017	
	DU3RD-R078R-P0	★	★		.156	3.96	.078	.120	3.05			.4008	
	DU3RD-R094R-P0	★	★		.189	4.80	.094	.120	3.05			.4000	
U3L	DU3LD-R031L-P0	★	★		.062	1.57	.031	.125	3.18	.195	.344	.4033	.3750
	DU3LD-R047L-P0	★	★		.094	2.39	.047	.180	4.57			.4025	
	DU3LD-R062L-P0	★	★		.125	3.18	.062	.120	3.05			.4017	
	DU3LD-R078L-P0	★	★		.156	3.96	.078	.120	3.05			.4008	
	DU3LD-R094L-P0	★	★		.189	4.80	.094	.120	3.05			.4000	
U4R	DU4RD-R062R-P0	★	★		.125	3.18	.062	.250	6.35	.255	.453	.6327	.3750
	DU4RD-R094R-P0	★	★		.189	4.80	.094	.250	6.35			.6310	
	DU4RD-R125R-P0	★	★		.250	6.35	.125	.250	6.35			.6293	
U4L	DU4RD-L062R-P0	★	★		.125	3.18	.062	.250	6.35	.255	.453	.6327	.3750
	DU4RD-L094R-P0	★	★		.189	4.80	.094	.250	6.35			.6310	
	DU4RD-L125R-P0	★	★		.250	6.35	.125	.250	6.35			.6293	

- Product order number = Insert Description + Grade

U-Face Grooving

Insert - R/L
(F ...R/L-P0)



* PSIRL=3° CWTOL=+0.05/0 RETOL=±0.03

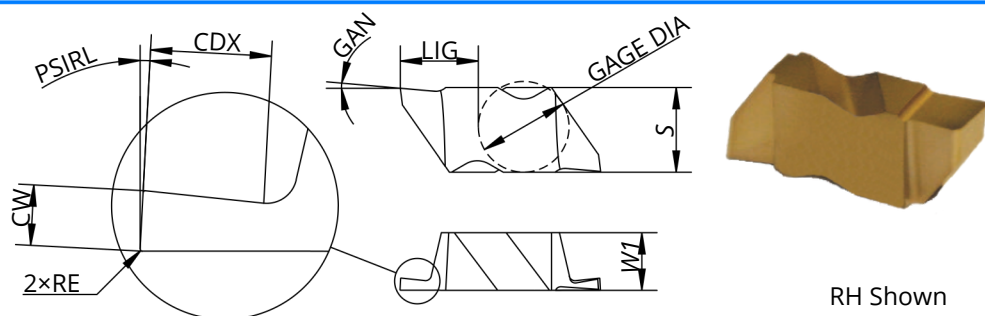
Size	Insert Description	Grade			CW		RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric		Inch	Metric				
U3R	DU3RD-F125R-P0	★	★		.125	3.18	.005/.010	.180	4.57	.195	.344	.4050	.3750
	DU3RD-F156R-P0	★	★		.156	3.96	.005/.010	.180	4.57				
	DU3RD-F188R-P0	★	★		.188	4.77	.020/.025	.180	4.57				
U3L	DU3LD-F125L-P0	★	★		.125	3.18	.005/.010	.180	4.57	.195	.344	.4050	.3750
	DU3LD-F156L-P0	★	★		.156	3.96	.005/.010	.180	4.57				
	DU3LD-F188L-P0	★	★		.188	4.77	.020/.025	.180	4.57				
U4	DU4RD-F250R-P0	★	★		.250	6.35	.020/.025	.250	6.35	.255	.453	.6360	.3750
R	DU4LD-F250L-P0	★	★		.250	6.35	.020/.025	.250	6.35				
U4	DU6RD-F218R-P0	★	★		.218	5.54	.030/.035	.250	6.35	.383	.453	.6360	.3750
U6R	DU6RD-F250R-P0	★	★		.250	6.35	.030/.035	.250	6.35				
	DU6RD-F375R-P0	★	★		.375	9.53	.030/.035	.250	6.35				
U6L	DU6LD-F218L-P0	★	★		.218	5.54	.030/.035	.250	6.35				
U6L	DU6LD-F250L-P0	★	★		.250	6.35	.030/.035	.250	6.35				
	DU6LD-F375L-P0	★	★		.375	9.53	.030/.035	.250	6.35				

- Product order number = Insert Description + Grade



U-Grooving

Insert - R/L
(G ...R/L-P5)
5° positive rake
angle



* PSIRL=3° GAN=5° CWTOL=+0.05/0 RETOL=±0.03

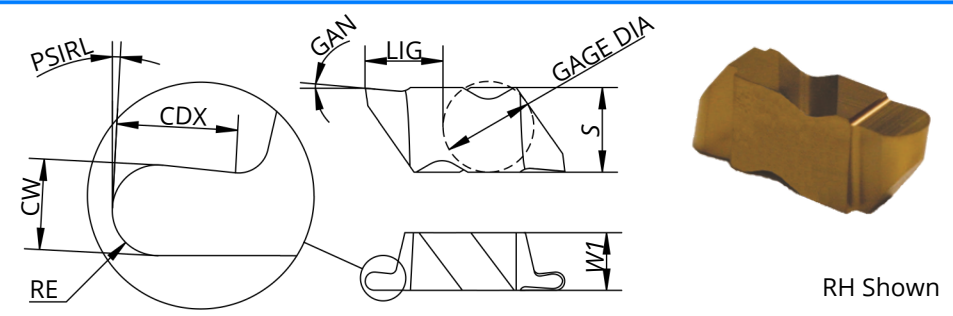
Size	Insert Description	Grade			CW		RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric		Inch	Metric				
U2R	DU2RD-G031R-P5	★	★		.031	0.79	.002/.005	.050	1.27	.150	.219	.2700	.1875
	DU2RD-G062R-P5	★	★		.062	1.57	.005/.010	.110	2.79				
	DU2RD-G125R-P5	★	★		.125	3.18	.005/.010	.110	2.79				
U2L	DU2LD-G031L-P5	★	★		.031	0.79	.002/.005	.050	1.27	.150	.219	.2700	.1875
	DU2LD-G062L-P5	★	★		.062	1.57	.005/.010	.110	2.79				
	DU2LD-G125L-P5	★	★		.125	3.18	.005/.010	.110	2.79				
U3R	DU3RD-G047R-P5	★	★		.047	1.19	.005/.010	.075	1.90	.195	.344	.4050	.3750
	DU3RD-G062R-P5	★	★		.062	1.57	.005/.010	.120	3.05				
	DU3RD-G088R-P5	★	★		.088	2.24	.005/.010	.180	4.57				
	DU3RD-G094R-P5	★	★		.094	2.39	.005/.010	.180	4.57				
	DU3RD-G125R-P5	★	★		.125	3.18	.005/.010	.180	4.57				
	DU3RD-G156R-P5	★	★		.156	3.96	.005/.010	.180	4.57				
	DU3RD-G189R-P5	★	★		.189	4.80	.020/.025	.180	4.57				
U3L	DU3LD-G047L-P5	★	★		.047	1.19	.005/.010	.075	1.90	.195	.344	.4050	.3750
	DU3LD-G062L-P5	★	★		.062	1.57	.005/.010	.120	3.05				
	DU3LD-G088L-P5	★	★		.088	2.24	.005/.010	.180	4.57				
	DU3LD-G094L-P5	★	★		.094	2.39	.005/.010	.180	4.57				
	DU3LD-G125L-P5	★	★		.125	3.18	.005/.010	.180	4.57				
	DU3LD-G156L-P5	★	★		.156	3.96	.005/.010	.180	4.57				
	DU3LD-G189L-P5	★	★		.189	4.80	.020/.025	.180	4.57				
U4R	DU4RD-G125R-P5	★	★		.125	3.18	.005/.010	.250	6.35	.255	.453	.6360	.3750
	DU4RD-G189R-P5	★	★		.189	4.80	.020/.025	.250	6.35				
	DU4RD-G250R-P5	★	★		.250	6.35	.020/.025	.250	6.35				
U4L	DU4LD-G125L-P5	★	★		.125	3.18	.005/.010	.250	6.35	.255	.453	.6360	.3750
	DU4LD-G189L-P5	★	★		.189	4.80	.020/.025	.250	6.35				
	DU4LD-G250L-P5	★	★		.250	6.35	.020/.025	.250	6.35				

- Product order number = Insert Description + Grade



U-Grooving

Insert - R/L
(R ...R/L-P5)
CW -fullnose radius
5° positive rake
angle



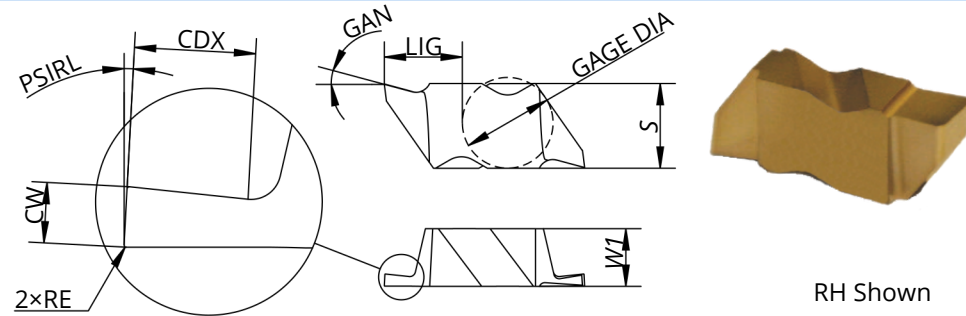
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Size	Insert Description	Grade			CW		RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric		Inch	Metric				
U3R	DU3RD-R031R-P5	★	★		.062	1.57	.031	.125	0.79	.195	.344	.4033	.3750
	DU3RD-R047R-P5	★	★		.094	2.39	.047	.180	4.57				
	DU3RD-R062R-P5	★	★		.125	3.18	.062	.180	4.57				
	DU3RD-R078R-P5	★	★		.156	3.96	.078	.180	4.57				
	DU3RD-R094R-P5	★	★		.189	4.8	.094	.180	4.57				
U3L	DU3LD-R031L-P5	★	★		.062	1.57	.031	.125	0.79	.195	.344	.4033	.3750
	DU3LD-R047L-P5	★	★		.094	2.39	.047	.180	4.57				
	DU3LD-R062L-P5	★	★		.125	3.18	.062	.180	4.57				
	DU3LD-R078L-P5	★	★		.156	3.96	.078	.180	4.57				
	DU3LD-R094L-P5	★	★		.189	4.8	.094	.180	4.57				
U4R	DU4RD-R062R-P5	★	★		.125	3.18	.062	.250	6.35	.255	.453	.6327	.3750
	DU4RD-R094R-P5	★	★		.189	4.8	.094	.250	6.35				
	DU4RD-R125R-P5	★	★		.250	6.35	.125	.250	6.35				
U4L	DU4LD-R062L-P5	★	★		.125	3.18	.062	.250	6.35	.255	.453	.6327	.3750
	DU4LD-R094L-P5	★	★		.189	4.8	.094	.250	6.35				
	DU4LD-R125L-P5	★	★		.250	6.35	.125	.250	6.35				

- Product order number = Insert Description + Grade

U-Grooving

Insert - R/L
(G ...R/L-P15)
15° positive rake
angle



* PSIRL=3° GAN=15° CWTOL=+0.05/0 RETOL=±0.03

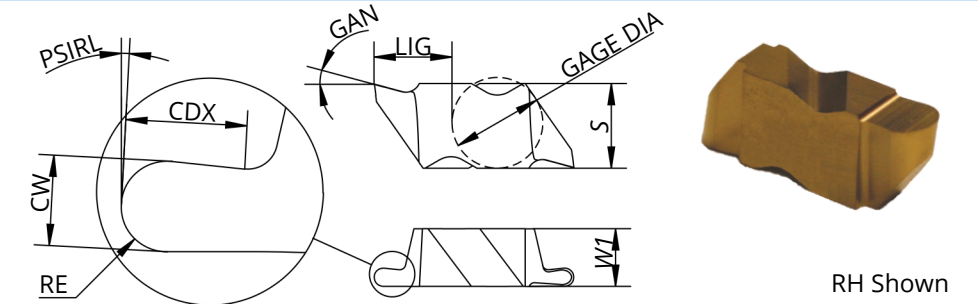
Size	Insert Description	Grade			CW		RE		CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric			Inch	Metric				
U2R	DU2RD-G031R-P15		★		.031	0.79	.002/.005		.050	1.27	.150	.219	.2700	.1875
	DU2RD-G062R-P15		★		.062	1.57	.005/.010		.110	2.79				
	DU2RD-G125R-P15		★		.125	3.18	.005/.010		.110	2.79				
U2L	DU2LD-G031L-P15		★		.031	0.79	.002/.005		.050	1.27	.150	.219	.2700	.1875
	DU2LD-G062L-P15		★		.062	1.57	.005/.010		.110	2.79				
	DU2LD-G125L-P15		★		.125	3.18	.005/.010		.110	2.79				
U3R	DU3RD-G047R-P15		★		.047	1.19	.005/.010		.075	1.90	.195	.344	.4050	.3750
	DU3RD-G062R-P15		★		.062	1.57	.005/.010		.120	3.05				
	DU3RD-G088R-P15		★		.088	2.24	.005/.010		.180	4.57				
	DU3RD-G094R-P15		★		.094	2.39	.005/.010		.180	4.57				
	DU3RD-G125R-P15		★		.125	3.18	.005/.010		.180	4.57				
	DU3RD-G156R-P15		★		.156	3.96	.005/.010		.180	4.57				
	DU3RD-G189R-P15		★		.189	4.80	.020/.025		.180	4.57				
U3L	DU3LD-G047L-P15		★		.047	1.19	.005/.010		.075	1.90	.195	.344	.4050	.3750
	DU3LD-G062L-P15		★		.062	1.57	.005/.010		.120	3.05				
	DU3LD-G088L-P15		★		.088	2.24	.005/.010		.180	4.57				
	DU3LD-G094L-P15		★		.094	2.39	.005/.010		.180	4.57				
	DU3LD-G125L-P15		★		.125	3.18	.005/.010		.180	4.57				
	DU3LD-G156L-P15		★		.156	3.96	.005/.010		.180	4.57				
	DU3LD-G189L-P15		★		.189	4.80	.020/.025		.180	4.57				
U4R	DU4RD-G125R-P15		★		.125	3.18	.005/.010		.250	6.35	.255	.453	.6360	.3750
	DU4RD-G189R-P15		★		.189	4.80	.020/.025		.250	6.35				
	DU4RD-G250R-P15		★		.250	6.35	.020/.025		.250	6.35				
U4L	DU4LD-G125L-P15		★		.125	3.18	.005/.010		.250	6.35	.255	.453	.6360	.3750
	DU4LD-G189L-P15		★		.189	4.80	.020/.025		.250	6.35				
	DU4LD-G250L-P15		★		.250	6.35	.020/.025		.250	6.35				

- Product order number = Insert Description + Grade

PLEASE CONTACT DELTON USA FOR THE QUOTE, ORDER AND DELIVERY:
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U-Grooving

Insert - R/L
(R ...R/L-P15)
CW - full nose radius
15° positive rake
angle



* PSIRL=3° GAN=15° CWTOL=+0.05/0 RETOL=±0.03

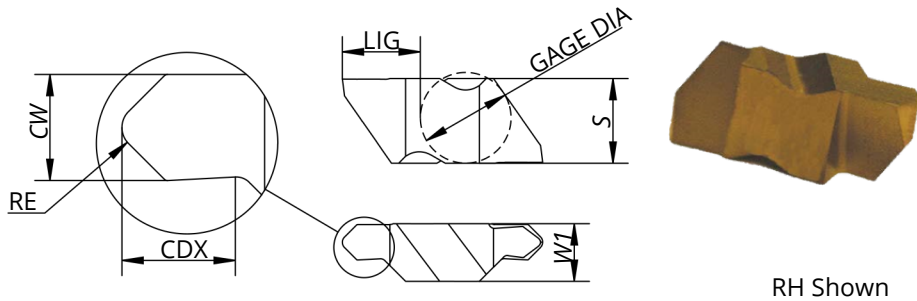
Size	Insert Description	Grade			CW		RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric		Inch	Metric				
U3R	DU3RD-R031R-P15		★		.062	1.57	.031	.125	0.79	.195	.344	.4033	.3750
	DU3RD-R047R-P15		★		.094	2.39	.047	.180	4.57				
	DU3RD-R062R-P15		★		.125	3.18	.062	.180	4.57				
	DU3RD-R078R-P15		★		.156	3.96	.078	.180	4.57				
	DU3RD-R094R-P15		★		.189	4.8	.094	.180	4.57				
U3L	DU3LD-R031L-P15		★		.062	1.57	.031	.125	0.79	.195	.344	.4033	.3750
	DU3LD-R047L-P15		★		.094	2.39	.047	.180	4.57				
	DU3LD-R062L-P15		★		.125	3.18	.062	.180	4.57				
	DU3LD-R078L-P15		★		.156	3.96	.078	.180	4.57				
	DU3LD-R094L-P15		★		.189	4.8	.094	.180	4.57				
U4R	DU4RD-R062R-P15		★		.125	3.18	.062	.250	6.35	.255	.453	.6327	.3750
	DU4RD-R094R-P15		★		.189	4.8	.094	.250	6.35				
	DU4RD-R125R-P15		★		.250	6.35	.125	.250	6.35				
U4L	DU4LD-R062L-P15		★		.125	3.18	.062	.250	6.35	.255	.453	.6310	.3750
	DU4LD-R094L-P15		★		.189	4.8	.094	.250	6.35				
	DU4LD-R125L-P15		★		.250	6.35	.125	.250	6.35				

- Product order number = Insert Description + Grade

PLEASE CONTACT DELTON USA FOR THE QUOTE, ORDER AND DELIVERY:
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U-Undercutting

Insert - R/L
(U ...R/L-P0)



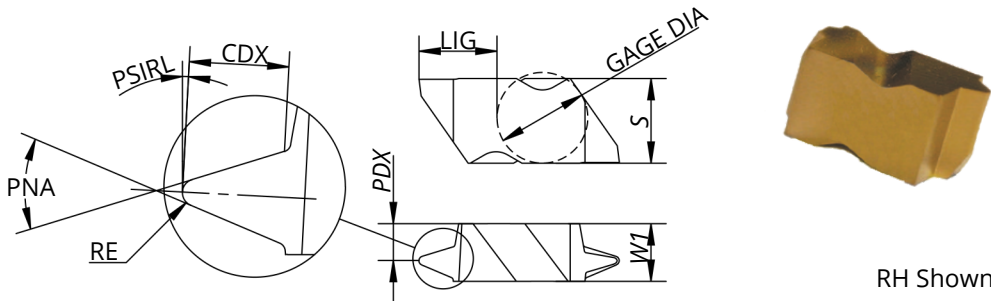
* CWTOL=+0.05/0 RETOL=±0.03

Size	Insert Description	Grade			CW		RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	Inch	Metric		Inch	Metric				
U3R	DU3RD-U094L-P0	★	★		.094	2.39	.020	.125	3.18	.195	.344	.4050	.3750
	DU3RD-U125L-P0	★	★		.125	3.18	.047	.188	4.78				
	DU3RD-U156L-P0	★	★		.156	3.96	.047	.188	4.78				
U3L	DU3LD-U094R-P0	★	★		.094	2.39	.020	.125	3.18	.195	.344	.4050	.3750
	DU3LD-U125R-P0	★	★		.125	3.18	.047	.188	4.78				
	DU3LD-U156R-P0	★	★		.156	3.96	.047	.188	4.78				

- Product order number = Insert Description + Grade -
Used in undercutting holders (DU3LRR/DU3RRL)

U-Poly-V

Insert - R/L
(V ...R/L-P0)



* PSIRL=3° RETOL= ±0.03

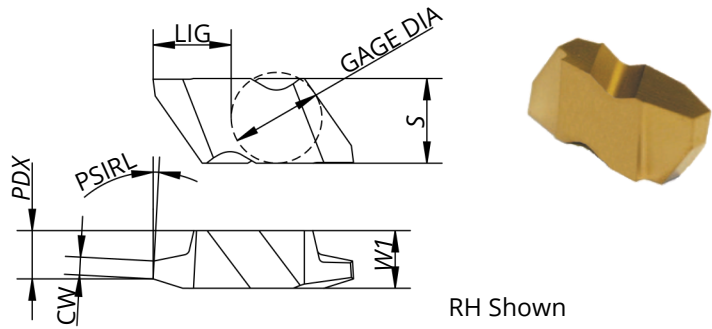
Size	Insert Description	Grade			PNA	PDX	RE	CDX		W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200				Inch	Metric				
U3R	DU3RD-V40R-P0	★	★		40 °	.125	.012	.087	2.21	.195	.344	.4013	.3750
U3L	DU3LD-V40L-P0	★	★		40 °	.125	.012	.087	2.21				
U4R	DU4RD-V40R-P0	★	★		40 °	.118	.012	.201	5.11	.255	.453	.6288	.3750
U4L	DU4LD-V40L-P0	★	★		40 °	.118	.012	.201	5.11				

- Product order number = Insert Description + Grade



U-Threading- Acme

Insert - R/L
(TA ...R/L-P0)



* PSIRL=3°

Size	Insert Description	Grade			TPI	CW	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TA16R-P0	★	★		16	.0206	.149	.195	.344	.4026	.3750
	DU3RD-TA14R-P0	★	★		14	.0239	.149				
	DU3RD-TA12R-P0	★	★		12	.0283	.149				
	DU3RD-TA10R-P0	★	★		10	.0319	.149				
	DU3RD-TA8R-P0	★	★		8	.0411	.149				
	DU3RD-TA6R-P0	★	★		6	.0566	.149				
	DU3RD-TA5R-P0	★	★		5	.0689	.149				
	DU3RD-TA4R-P0	★	★		4	.0875	.133				
U3L	DU3LD-TA16L-P0	★	★		16	.0206	.149	.195	.344	.4026	.3750
	DU3LD-TA14L-P0	★	★		14	.0239	.149				
	DU3LD-TA12L-P0	★	★		12	.0283	.149				
	DU3LD-TA10L-P0	★	★		10	.0319	.149				
	DU3LD-TA8L-P0	★	★		8	.0411	.149				
	DU3LD-TA6L-P0	★	★		6	.0566	.149				
	DU3LD-TA5L-P0	★	★		5	.0689	.149				
	DU3LD-TA4L-P0	★	★		4	.0875	.133				
U4R	DU4RD-TA8R-P0	★	★		8	.0411	.202	.255	.453	.6332	.3750
	DU4RD-TA6R-P0	★	★		6	.0566	.202				
	DU4RD-TA5R-P0	★	★		5	.0689	.202				
	DU4RD-TA4R-P0	★	★		4	.0875	.202				
U4L	DU4LD-TA8L-P0	★	★		8	.0411	.202	.255	.453	.6332	.3750
	DU4LD-TA6L-P0	★	★		6	.0566	.202				
	DU4LD-TA5L-P0	★	★		5	.0689	.202				
	DU4LD-TA4L-P0	★	★		4	.0875	.202				
U6R	DU6RD-TA3R-P0	★	★		3	.1184	.283	.383	.453	.6308	.3750
	DU6RD-TA2.5R-P0	★	★		2.5	.1431	.283				
	DU6RD-TA2R-P0	★	★		2	.1802	.283				
U6L	DU6LD-TA3L-P0	★	★		3	.1184	.283	.383	.453	.6308	.3750
	DU6LD-TA2.5L-P0	★	★		2.5	.1431	.283				
	DU6LD-TA2L-P0	★	★		2	.1802	.283				

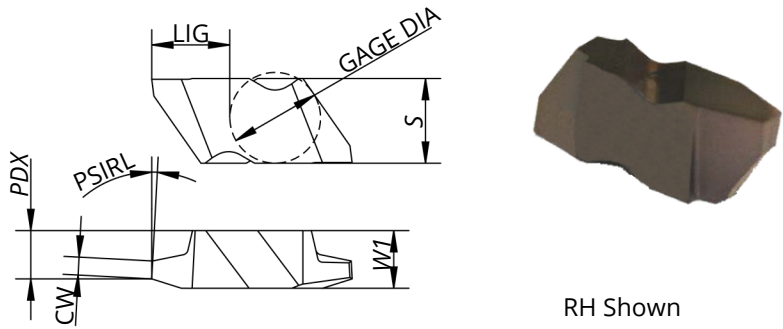
- Product order number = Insert Description + Grade

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U-Threading- Stub Acme

Insert - R/L
(TAS ...R/L-P0)



* PSIRL=3°

Size	Insert Description	Grade			TPI	CW	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TAS16R-P0	★	★		16	.0238	.149	.195	.344	.4026	.3750
	DU3RD-TAS14R-P0	★	★		14	.0276	.149				
	DU3RD-TAS12R-P0	★	★		12	.0326	.149				
	DU3RD-TAS10R-P0	★	★		10	.0370	.149				
	DU3RD-TAS8R-P0	★	★		8	.0476	.149				
	DU3RD-TAS6R-P0	★	★		6	.0652	.149				
	DU3RD-TAS5R-P0	★	★		5	.0793	.149				
	DU3RD-TAS4R-P0	★	★		4	.1004	.149				
U3L	DU3LD-TAS16L-P0	★	★		16	.0238	.149	.195	.344	.4026	.3750
	DU3LD-TAS14L-P0	★	★		14	.0276	.149				
	DU3LD-TAS12L-P0	★	★		12	.0326	.149				
	DU3LD-TAS10L-P0	★	★		10	.0370	.149				
	DU3LD-TAS8L-P0	★	★		8	.0476	.149				
	DU3LD-TAS6L-P0	★	★		6	.0652	.149				
	DU3LD-TAS5L-P0	★	★		5	.0793	.149				
	DU3LD-TAS4L-P0	★	★		4	.1004	.149				
U4R	DU4RD-TAS3R-P0	★	★		3	.1356	.202	.255	.453	.6332	.3750
U4L	DU4LD-TAS3L-P0	★	★		3	.1356	.202				
U6R	DU6RD-TAS2R-P0	★	★		2	.2060	.283	.383	.453	.6308	.3750
U6L	DU6LD-TAS2L-P0	★	★		2	.2060	.283				

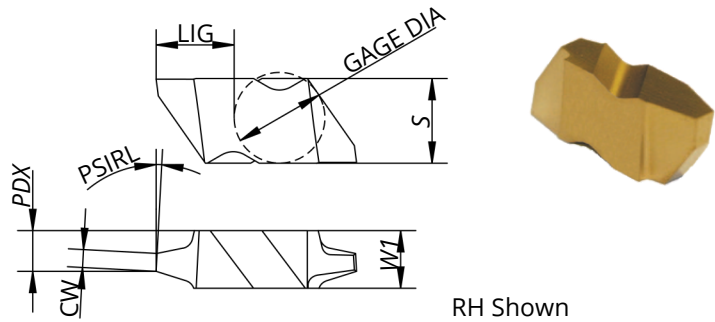
- Product order number = Insert Description + Grade

PLEASE CONTACT DELTON USA FOR THE QUOTE, ORDER AND DELIVERY:
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U-Threading- Partial Topping Acme

Insert - R/L
(TA ...PTR/L-P0)
with corner radii



* PSIRL=3°

Size	Insert Description	Grade		TPI	CW	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N KG200							
U3R	DU3RD-TA16PTR-P0	★	★	16	.0206	.149	.195	.344	.4026	.3750
	DU3RD-TA14PTR-P0	★	★	14	.0239	.149				
	DU3RD-TA12PTR-P0	★	★	12	.0283	.149				
	DU3RD-TA10PTR-P0	★	★	10	.0319	.149				
	DU3RD-TA8PTR-P0	★	★	8	.0411	.149				
	DU3RD-TA6PTR-P0	★	★	6	.0566	.149				
	DU3RD-TA5PTR-P0	★	★	5	.0689	.149				
	DU3RD-TA4PTR-P0	★	★	4	.0875	.133				
U3L	DU3LD-TA16PTL-P0	★	★	16	.0206	.149				
	DU3LD-TA14PTL-P0	★	★	14	.0239	.149				
	DU3LD-TA12PTL-P0	★	★	12	.0283	.149				
	DU3LD-TA10PTL-P0	★	★	10	.0319	.149				
	DU3LD-TA8PTL-P0	★	★	8	.0411	.149				
	DU3LD-TA6PTL-P0	★	★	6	.0566	.149				
	DU3LD-TA5PTL-P0	★	★	5	.0689	.149				
	DU3LD-TA4PTL-P0	★	★	4	.0875	.133				
U4R	DU4RD-TA8PTR-P0	★	★	8	.0411	.202	.255	.453	.6332	.3750
	DU4RD-TA6PTR-P0	★	★	6	.0566	.202				
	DU4RD-TA5PTR-P0	★	★	5	.0689	.202				
	DU4RD-TA4PTR-P0	★	★	4	.0875	.202				
U4L	DU4LD-TA8PTL-P0	★	★	8	.0411	.202				
	DU4LD-TA6PTL-P0	★	★	6	.0566	.202				
	DU4LD-TA5PTL-P0	★	★	5	.0689	.202				
	DU4LD-TA4PTL-P0	★	★	4	.0875	.202				
U6R	DU6RD-TA3PTR-P0	★	★	3	.1184	.283	.383	.453	.6308	.3750
	DU6RD-TA2.5PTR-P0	★	★	2.5	.1431	.283				
	DU6RD-TA2PTR-P0	★	★	2	.1802	.283				
U6L	DU6LD-TA3PTL-P0	★	★	3	.1184	.283				
	DU6LD-TA2.5PTL-P0	★	★	2.5	.1431	.283				
	DU6LD-TA2PTL-P0	★	★	2	.1802	.283				

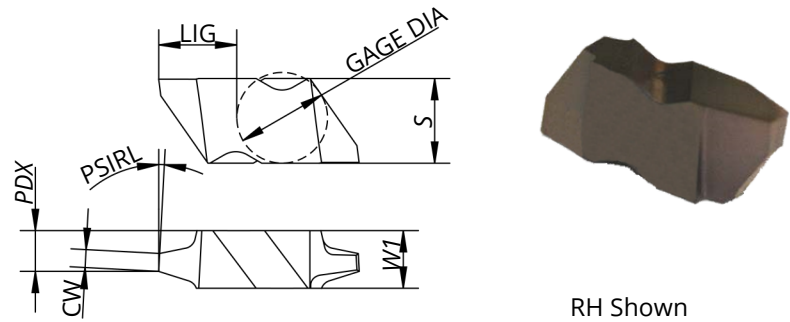
- Product order number = Insert Description + Grade

PLEASE CONTACT DELTON USA FOR THE QUOTE, ORDER AND DELIVERY:
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U-Threading- Partial Topping Stub Acme

Insert - R/L
(TAS ...PTR/L-P0)
with corner radii



* PSIRL=3°

Size	Insert Description	Grade		TPI	CW	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N KG200							
U3R	DU3RD-TAS16PTR-P0	★	★	16	.0238	.149	.195	.344	.4026	.3750
	DU3RD-TAS14PTR-P0	★	★	14	.0276	.149				
	DU3RD-TAS12PTR-P0	★	★	12	.0326	.149				
	DU3RD-TAS10PTR-P0	★	★	10	.0370	.149				
	DU3RD-TAS8PTR-P0	★	★	8	.0476	.149				
	DU3RD-TAS6PTR-P0	★	★	6	.0652	.149				
	DU3RD-TAS5PTR-P0	★	★	5	.0793	.149				
	DU3RD-TSA4PTR-P0	★	★	4	.1004	.149				
U3L	DU3LD-TAS16PTL-P0	★	★	16	.0238	.149				
	DU3LD-TAS14PTL-P0	★	★	14	.0276	.149				
	DU3LD-TAS12PTL-P0	★	★	12	.0326	.149				
	DU3LD-TAS10PTL-P0	★	★	10	.0370	.149				
	DU3LD-TAS8PTL-P0	★	★	8	.0476	.149				
	DU3LD-TAS6PTL-P0	★	★	6	.0652	.149				
	DU3LD-TAS5PTL-P0	★	★	5	.0793	.149				
	DU3LD-TAS4PTL-P0	★	★	4	.1004	.149				
U4R	DU4RD-TAS3PTR-P0	★	★	3	.1356	.202	.255	.453	.6332	.3750
U4L	DU4LD-TAS3PTL-P0	★	★	3	.1356	.202				
U6R	DU6RD-TAS2PTR-P0	★	★	2	.2060	.283	.383	.453	.6308	.3750
U6L	DU6LD-TAS2PTL-P0	★	★	2	.2060	.283				

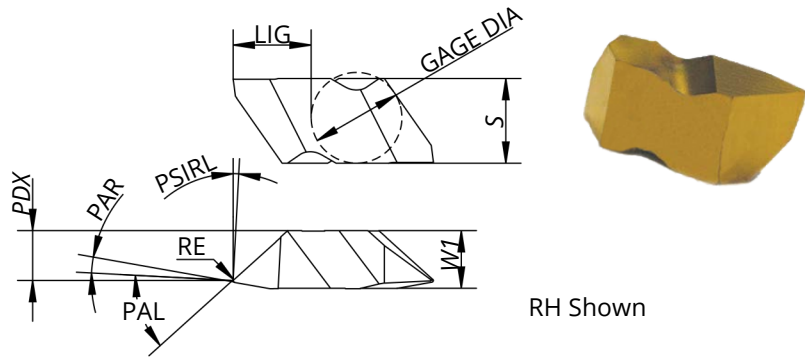
- Product order number = Insert Description + Grade

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U-Threading- American Standard Buttress

Insert - R/L
(TB ...AR/L-P0)
7°Lead

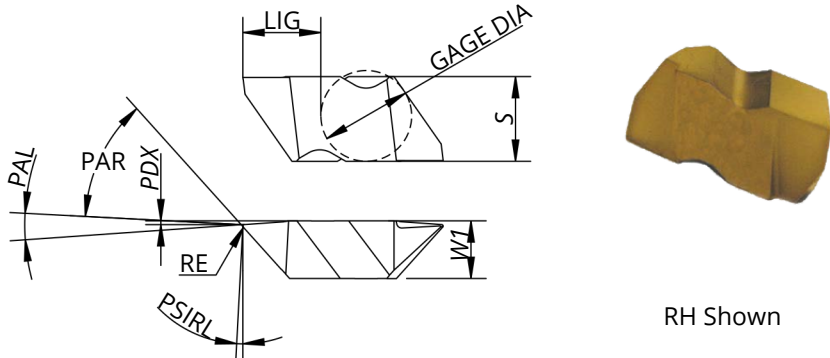


* PSIRL=3° PAR=7° PAL=45°

Size	Insert Description	Grade		TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20NKG200							
U2R	DU2RD-TBAR-P0	★	★	16-20	.002/.004	.126	.150	.219	.2688	.1875
U2L	DU2LD-TBAL-P0	★	★							
U3R	DU3RD-TBAR-P0	★	★	8-16	.005/.008	.164	.195	.344	.4034	.3750
U3L	DU3LD-TBAL-P0	★	★							
U4R	DU4RD-TBAR-P0	★	★	4-6	.008/.012	.206	.255	.453	.6334	.3750
U4L	DU4LD-TBAL-P0	★	★							

- Product order number = Insert Description + Grade

Insert - R/L
(TB ...BR/L-P0)
45°Lead



* PSIRL=3° PAR=45° PAL=7°

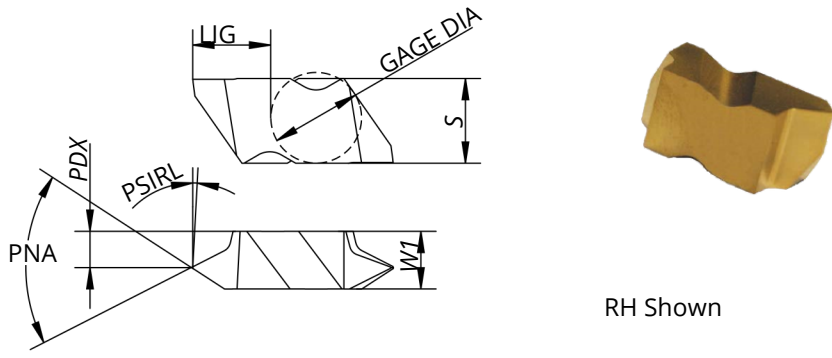
Size	Insert Description	Grade			TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U2R	DU2RD-TBBR-P0	★	★	16-20	.002/.004	.010	.150	.219	.2627	.1875	
U2L	DU2LD-TBBL-P0	★	★								
U3R	DU3RD-TBBR-P0	★	★	8-16	.005/.008	.012	.195	.344	.3954	.3750	
U3L	DU3LD-TBBL-P0	★	★								
U4R	DU4RD-TBBR-P0	★	★	4-6	.008/.012	.016	.255	.453	.6235	.3750	
U4L	DU4LD-TBBL-P0	★	★								

- Product order number = Insert Description + Grade



U-Threading- NPT

Insert - R/L
(TN ...VR/L-P0)

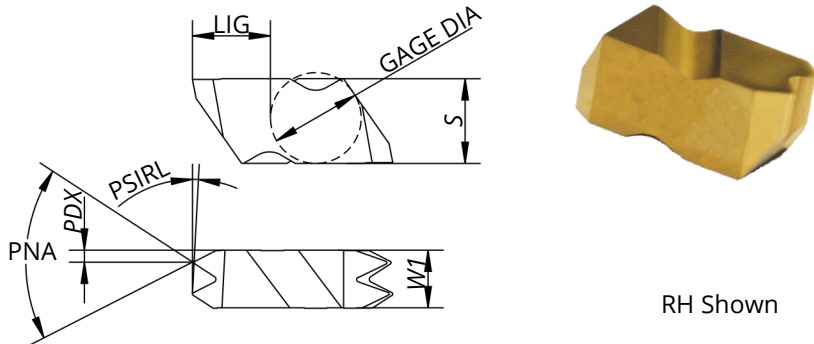


* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI	TPF	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TN875VR-P0	★	★		8	3/4	.100	.195	.344	.4000	.3750
	DU3RD-TN11.575VR-P0	★	★		11.5	3/4	.144				
	DU3RD-TN1475VR-P0	★	★		14	3/4	.148				
	DU3RD-TN1875VR-P0	★	★		18	3/4	.154				
	DU3RD-TN2775VR-P0	★	★		27	3/4	.162				
U3L	DU3LD-TN875VL-P0	★	★		8	3/4	.100				
	DU3LD-TN11.575VL-P0	★	★		11.5	3/4	.144				
	DU3LD-TN1475VL-P0	★	★		14	3/4	.148				
	DU3LD-TN1875VL-P0	★	★		18	3/4	.154				
	DU3LD-TN2775VL-P0	★	★		27	3/4	.162				

- Product order number = Insert Description + Grade

Insert - R/L
(TN ...M2N-P0)
Multi-tooth



* PSIRL=3° PNA=60°

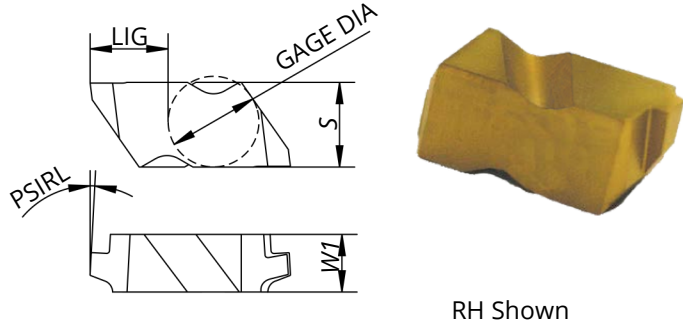
Size	Insert Description	Grade			TPI	TPF	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U4R	DU4RD-TN8M2N-P0	★	★		8	3/4	.060	.255	.453	.6360	.3750
	DU4RD-TN11.5M2N-P0	★	★		11.5	3/4	.050				
U4L	DU4LD-TN8M2N-P0	★	★		8	3/4	.060				
	DU4LD-TN11.5M2N-P0	★	★		11.5	3/4	.050				

- Product order number = Insert Description + Grade

U-Threading- API

API Buttress Threading

Insert - R/L
(TP ...BR/L-P0)



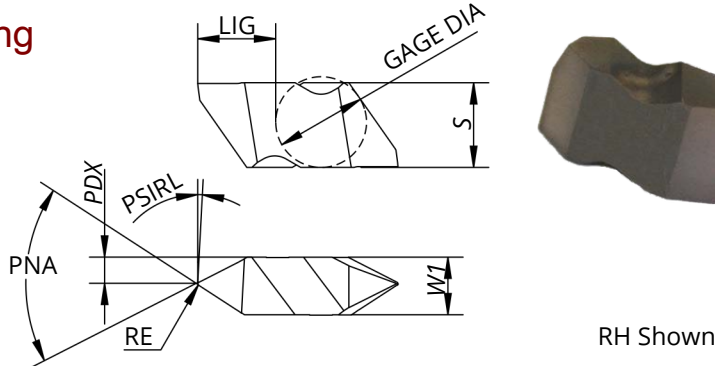
* PSIRL=3°

Size	Insert Description	Grade			TPI	TPF	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U4R	DU4RD-TP575BR-P0	★	★		5	3/4	-	.255	.453	.6320	.3750
	DU4RD-TP51BR-P0	★	★		5	1	-				
U4L	DU4LD-TP575BL-P0	★	★		5	3/4	-	.255	.453	.6320	.3750
	DU4LD-TP51BL-P0	★	★		5	1	-				

- Product order number = Insert Description + Grade

API Threading-NON Topping

Insert - R/L
(TP ...R/L-P0)



* PSIRL=3° PNA=60°

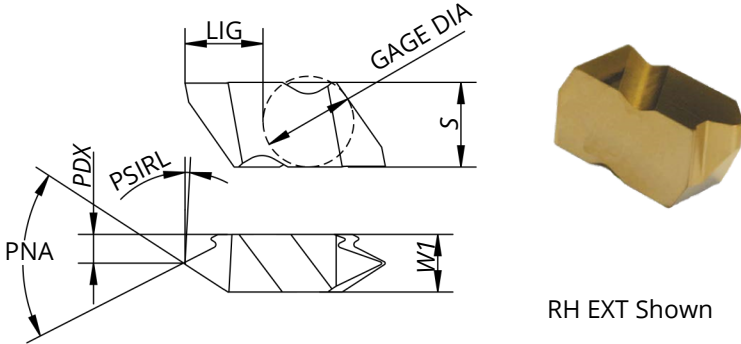
Size	Insert Description	Grade			TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TP038R-P0	★	★		4	.033/.038	.082	.195	.344	.3991	.3750
	DU3RD-TP040R-P0	★	★		5	.015/.020	.082				
U3L	DU3LD-TP038L-P0	★	★		4	.005/.008	.082	.195	.344	.3991	.3750
	DU3LD-TP040L-P0	★	★		5	.005/.008	.082				
U4R	DU4RD-TP038R-P0	★	★		4	.033/.038	.128	.255	.453	.6293	.3750
	DU4RD-TP040R-P0	★	★		5	.015/.020	.128				
	DU4RD-TP050R-P0	★	★		4	.020/.025	.128				
U4L	DU4LD-TP038L-P0	★	★		4	.033/.038	.128	.255	.453	.6293	.3750
	DU4LD-TP040L-P0	★	★		5	.015/.020	.128				
	DU4LD-TP050L-P0	★	★		4	.020/.025	.128				

- Product order number = Insert Description + Grade

U-Threading- API

API Rotary Shoulder Connection Threading

Insert - R/L
(TP ...RSR/L-P0)



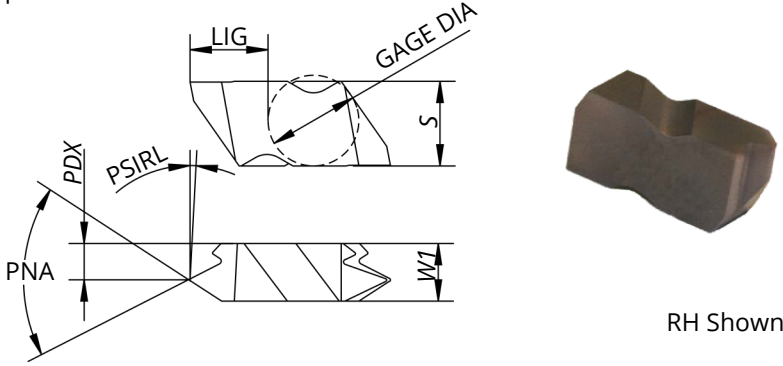
* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI	TPF	PDX	W1	S	LIG	GAGE DIA	Conn. No. or Size
		KG20M	KG20N	KG200								
U4R	DU4RD-TP530RSR-P0	★	★		5	3	.147	.255	.453	.6320	.3750	3-1/2FH,2-3/8-4-1/2Rge.
U4L	DU4LD-TP530RSL-P0	★	★									

- Product order number = Insert Description + Grade

API Round Threading

Insert - R/L
(TP ...RR/L-P0)



* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI	TPF	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TP875RR-P0	★	★		8	3/4	.125	.195	.344	.4010	.3750
	DU3RD-TP1075RR-P0	★	★		10	3/4	.125				
U3L	DU3LD-TP875RL-P0	★	★		8	3/4	.125	.195	.344	.4010	.3750
	DU3LD-TP1075RL-P0	★	★		10	3/4	.125				

- Product order number = Insert Description + Grade

API Round Threading

Insert - R/L
(TP ...RMR/L-P0)
Multi-tooth



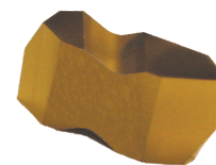
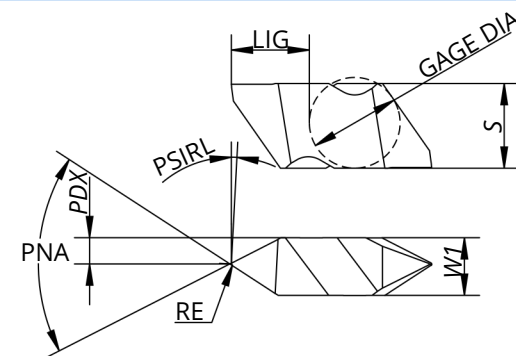
* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI	TPF	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U6R	DU6RD-TP875RMR-P0	★	★		8	3/4	.070	.383	.453	.6360	.3750
	DU6RD-TP1075RMR-P0	★	★		10	3/4	.134				

- Product order number = Insert Description + Grade

U-Threading- UNJ

Insert - R/L
(TJ ...N-P0)

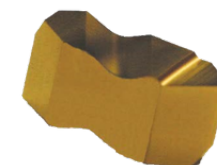
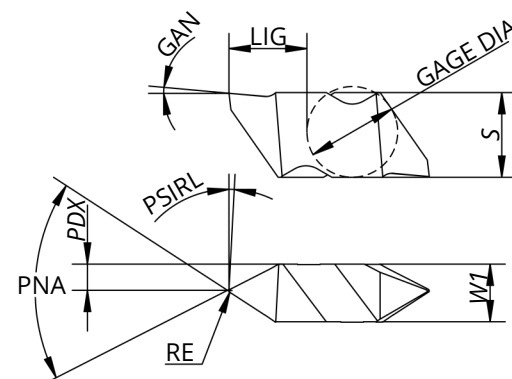


* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TJ16010N-P0	★	★		16	.0094/.0104	.098	.195	.344	.3999	.3750
	DU3RD-TJ12014N-P0	★	★		12	.0125/.0135	.098				
	DU3RD-TJ8020N-P0	★	★		8	.0188/.0198	.098				
	DU3LD-TJ16010N-P0	★	★		16	.0094/.0104	.098				
U3L	DU3LD-TJ12014N-P0	★	★		12	.0125/.0135	.098				
	DU3LD-TJ8020N-P0	★	★		8	.0188/.0198	.098				

- Product order number = Insert Description + Grade

Insert - R/L
(TJ ...N-P5)
5° Positive rake angle



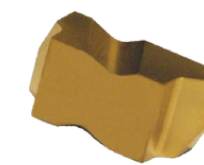
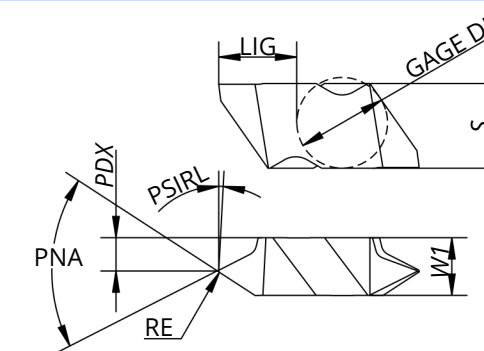
* PSIRL=3° PNA=60° GAN=5°

Size	Insert Description	Grade			TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TJ16010N-P5	★	★		16	.0094/.0104	.098	.195	.344	.3999	.3750
	DU3RD-TJ12014N-P5	★	★		12	.0125/.0135	.098				
	DU3RD-TJ8020N-P5	★	★		8	.0188/.0198	.098				
U3L	DU3LD-TJ16010N-P5	★	★		16	.0094/.0104	.098				
	DU3LD-TJ12014N-P5	★	★		12	.0125/.0135	.098				
	DU3LD-TJ8020N-P5	★	★		8	.0188/.0198	.098				

- Product order number = Insert Description + Grade

U-Threading- UNJ Fine Pitch

Insert - R/L
(TJ ...FR/L-P0)

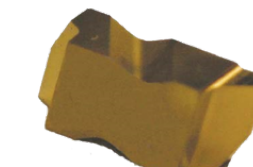
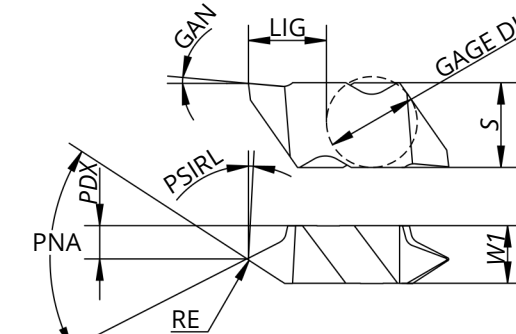


* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TJ32005FR-P0	★	★		32	.0047/.0057	.141	.195	.344	.4022	.3750
	DU3RD-TJ28006FR-P0	★	★		28	.0054/.0064	.141				
	DU3RD-TJ24007FR-P0	★	★		24	.0063/.0073	.141				
	DU3RD-TJ20008FR-P0	★	★		20	.0075/.0085	.141				
	DU3RD-TJ18009FR-P0	★	★		18	.0083/.0093	.141				
	DU3RD-TJ16010FR-P0	★	★		16	.0094/.0104	.141				
	DU3RD-TJ14012FR-P0	★	★		14	.0107/.0117	.141				
	DU3LD-TJ32005FL-P0	★	★		32	.0047/.0057	.141				
U3L	DU3LD-TJ28006FL-P0	★	★		28	.0054/.0064	.141				
	DU3LD-TJ24007FL-P0	★	★		24	.0063/.0073	.141				
	DU3LD-TJ20008FL-P0	★	★		20	.0075/.0085	.141				
	DU3LD-TJ18009FL-P0	★	★		18	.0083/.0093	.141				
	DU3LD-TJ16010FL-P0	★	★		16	.0094/.0104	.141				
	DU3LD-TJ14012FL-P0	★	★		14	.0107/.0117	.141				

- Product order number = Insert Description + Grade

Insert - R/L
(TJ ...FR/L-P5)
5° Positive rake angle



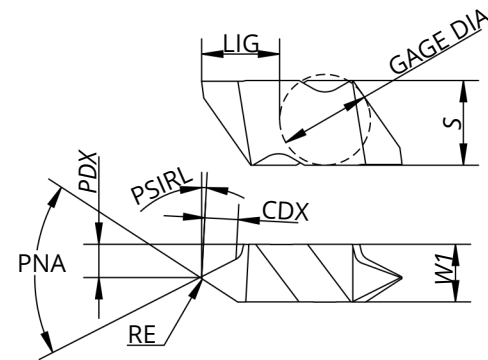
* PSIRL=3° PNA=60° GAN=5°

Size	Insert Description	Grade			TPI	RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200							
U3R	DU3RD-TJ32005FR-P5	★	★		32	.0047/.0057	.141	.195	.344	.4022	.3750
	DU3RD-TJ28006FR-P5	★	★		28	.0054/.0064	.141				
	DU3RD-TJ24007FR-P5	★	★		24	.0063/.0073	.141				
	DU3RD-TJ20008FR-P5	★	★		20	.0075/.0085	.141				
	DU3RD-TJ18009FR-P5	★	★		18	.0083/.0093	.141				
	DU3RD-TJ16010FR-P5	★	★		16	.0094/.0104	.141				
	DU3RD-TJ14012FR-P5	★	★		14	.0107/.0117	.141				
	DU3LD-TJ32005FL-P5	★	★		32	.0047/.0057	.141				
U3L	DU3LD-TJ28006FL-P5	★	★		28	.0054/.0064	.141				
	DU3LD-TJ24007FL-P5	★	★		24	.0063/.0073	.141				
	DU3LD-TJ20008FL-P5	★	★		20	.0075/.0085	.141				
	DU3LD-TJ18009FL-P5	★	★		18	.0083/.0093	.141				
	DU3LD-TJ16010FL-P5	★	★		16	.0094/.0104	.141				
	DU3LD-TJ14012FL-P5	★	★		14	.0107/.0117	.141				

- Product order number = Insert Description + Grade

U-Threading- UN

Insert - R
(TU ...CE/IR-P0)
Crest topping



RH Shown

* PSIRL=3° PNA=60°

Size	Insert Description	Grade		TPI	RE	CDX	PDX	W1	S	LIG	GAGE DIA
		KG20M KG20N KG200									
U3R	DU3RD-TU7CER-P0	★	★	7	.017	.108	.107	.195	.344	.4004	.3750
	DU3RD-TU7CIR-P0	★	★	7	.009	.092	.107				
	DU3RD-TU8CER-P0	★	★	8	.015	.094	.107				
	DU3RD-TU8CIR-P0	★	★	8	.007	.081	.107				
	DU3RD-TU9CER-P0	★	★	9	.013	.084	.107				
	DU3RD-TU9CIR-P0	★	★	9	.006	.072	.107				
	DU3RD-TU10CER-P0	★	★	10	.012	.076	.107				
	DU3RD-TU10CIR-P0	★	★	10	.005	.065	.107				
	DU3RD-TU11CER-P0	★	★	11	.011	.069	.107				
	DU3RD-TU11CIR-P0	★	★	11	.005	.059	.107				
	DU3RD-TU12CER-P0	★	★	12	.010	.051	.148	.195	.344	.4025	.3750
	DU3RD-TU12CIR-P0	★	★	12	.004	.048	.148				
	DU3RD-TU14CER-P0	★	★	14	.009	.054	.148				
	DU3RD-TU14CIR-P0	★	★	14	.003	.044	.148				
	DU3RD-TU16CER-P0	★	★	16	.008	.046	.148				
	DU3RD-TU16CIR-P0	★	★	16	.003	.040	.148				
	DU3RD-TU18CER-P0	★	★	18	.007	.041	.148				
	DU3RD-TU18CIR-P0	★	★	18	.003	.036	.148				
	DU3RD-TU20CER-P0	★	★	20	.006	.037	.148				
	DU3RD-TU20CIR-P0	★	★	20	.003	.031	.148				
	DU3RD-TU24CER-P0	★	★	24	.005	.031	.148				
	DU3RD-TU24CIR-P0	★	★	24	.003	.026	.148				
	DU3RD-TU28CR-P0 *	★	★	28	.003	.023	.148				
	DU3RD-TU32CR-P0 *	★	★	32	.003	.021	.148				

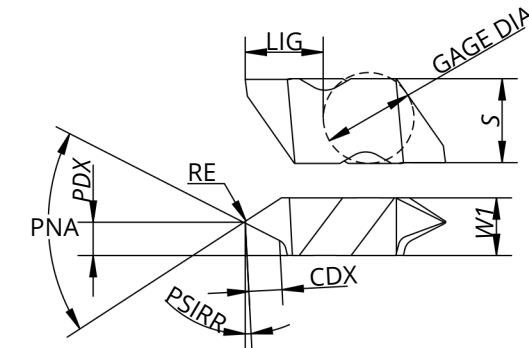
* - Can be used in either internal or external.

- Product order number = Insert Description + Grade

PLEASE CONTACT DELTON USA FOR THE QUOTE, ORDER AND DELIVERY:
sales@delton-usa.com, 248-881-1847

U-Threading- UN

Insert - L
(TU ...CE/IL-P0)
Crest topping



LH Shown

* PSIRR=3° PNA=60°

Size	Insert Description	Grade		TPI	RE	CDX	PDX	W1	S	LIG	GAGE DIA
		KG20M KG20NKG200									
U3L	DU3LD-TU7CEL-P0	★	★	7	.017	.108	.107	.195	.344	.4004	.3750
	DU3LD-TU7CIL-P0	★	★	7	.009	.092	.107				
	DU3LD-TU8CEL-P0	★	★	8	.015	.094	.107				
	DU3LD-TU8CIL-P0	★	★	8	.007	.081	.107				
	DU3LD-TU9CEL-P0	★	★	9	.013	.084	.107				
	DU3LD-TU9CIL-P0	★	★	9	.006	.072	.107				
	DU3LD-TU10CEL-P0	★	★	10	.012	.076	.107				
	DU3LD-TU10CIL-P0	★	★	10	.005	.065	.107				
	DU3LD-TU11CEL-P0	★	★	11	.011	.069	.107				
	DU3LD-TU11CIL-P0	★	★	11	.005	.059	.107				
	DU3LD-TU12CEL-P0	★	★	12	.010	.051	.148	.195	.344	.4025	.3750
	DU3LD-TU12CIL-P0	★	★	12	.004	.048	.148				
	DU3LD-TU14CEL-P0	★	★	14	.009	.054	.148				
	DU3LD-TU14CIL-P0	★	★	14	.003	.044	.148				
	DU3LD-TU16CEL-P0	★	★	16	.008	.046	.148				
	DU3LD-TU16CIL-P0	★	★	16	.003	.040	.148				
	DU3LD-TU18CEL-P0	★	★	18	.007	.041	.148				
	DU3LD-TU18CIL-P0	★	★	18	.003	.036	.148				
	DU3LD-TU20CEL-P0	★	★	20	.006	.037	.148				
	DU3LD-TU20CIL-P0	★	★	20	.003	.031	.148				
	DU3LD-TU24CEL-P0	★	★	24	.005	.031	.148				
	DU3LD-TU24CIL-P0	★	★	24	.003	.026	.148				
	DU3LD-TU28CL-P0 *	★	★	28	.003	.023	.148				
	DU3LD-TU32CL-P0 *	★	★	32	.003	.021	.148				

* - Can be used in either internal or external.

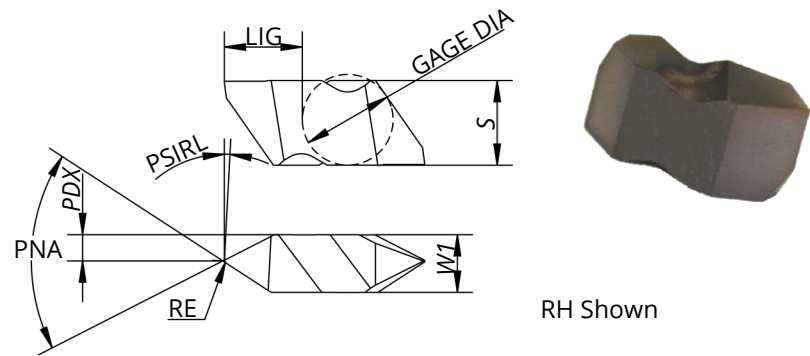
- Product order number = Insert Description + Grade

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U-Threading- 60V

Insert - R/L
(T ...N-P0)



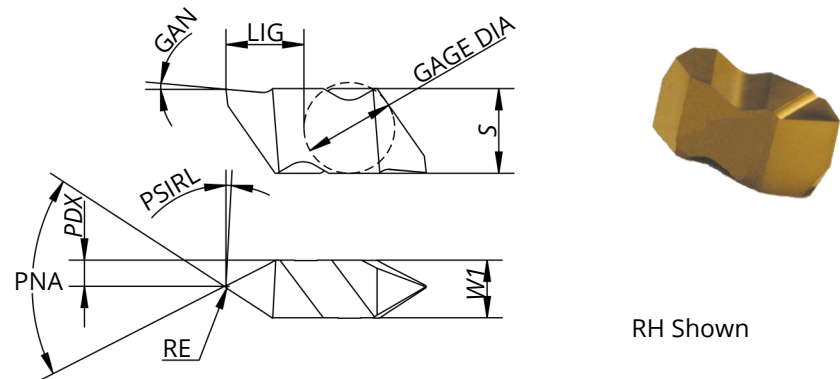
* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI		RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	EXT	INT						
U2R	• DU2RD-TN-P0	★	★		8-36	7-20	.003/.005	.075	.150	.219	.2661	.1875
U2L	DU2LD-TN-P0	★	★		8-36	7-20	.003/.005	.075				
U3R	DU3RD-TN-P0	★	★		6-20	5-12	.005/.008	.098	.195	.344	.3999	.3750
	DU3RD-T010N-P0	★	★		6-18	5-12	.009/.011	.098				
U3L	DU3LD-TN-P0	★	★		6-20	5-12	.005/.008	.098				
	DU3LD-T010N-P0	★	★		6-18	5-12	.009/.011	.098				
U4R	DU4RD-TN-P0	★	★		4-20	4-12	.005/.008	.128	.255	.453	.6298	.3750
U4L	DU4LD-TN-P0	★	★		4-20	4-12	.005/.008	.128				

- Product order number = Insert Description + Grade

Insert - R/L
(T ...N-P5)

5° Positive rake angle



* PSIRL=3° PNA=60° GAN=5°

Size	Insert Description	Grade			TPI		RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	EXT	INT						
U2R	DU2RD-TN-P5	★	★		8-36	7-20	.003/.005	.075	.150	.219	.2661	.1875
U2L	DU2LD-TN-P5	★	★		8-36	7-20	.003/.005	.075				
U3R	DU3RD-TN-P5	★	★		6-20	5-12	.005/.008	.098	.195	.344	.3999	.3750
U3L	DU3LD-TN-P5	★	★		6-20	5-12	.005/.008	.098				
U4R	DU4RD-TN-P5	★	★		4-20	4-12	.005/.008	.128	.255	.453	.6298	.3750
U4L	DU4LD-TN-P5	★	★		4-20	4-12	.005/.008	.128				

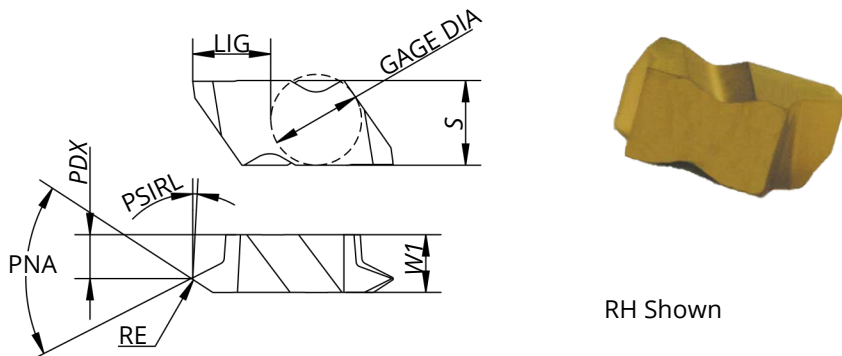
- Product order number = Insert Description + Grade



U-Threading- 60V

Insert - R/L
(T ...FR/L-P0)

Fine pitch



* PSIRL=3° PNA=60°

Size	Insert Description	Grade			TPI		RE	PDX	W1	S	LIG	GAGE DIA
		KG20M	KG20N	KG200	EXT	INT						
U2R	DU2RD-TFR-P5	★	★		14-44	12-24	.002/.004	.110	.150	.219	.2661	.1875
U2L	DU2LD-TFL-P5	★	★		14-44	12-24	.002/.004	.110				
U3R	DU3RD-TFR-P5	★	★		10-44	9-24	.002/.004	.141	.195	.344	.3999	.3750
U3L	DU3LD-TFL-P5	★	★		10-44	9-24	.002/.004	.141				
U4R	DU4RD-TFR-P5	★	★		10-44	9-24	.002/.004	.201	.255	.453	.6298	.3750
U4L	DU4LD-TFL-P5	★	★		10-44	9-24	.002/.004	.201				

- Product order number = Insert Description + Grade

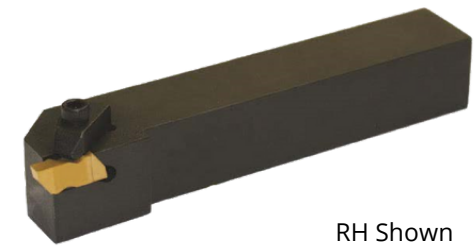
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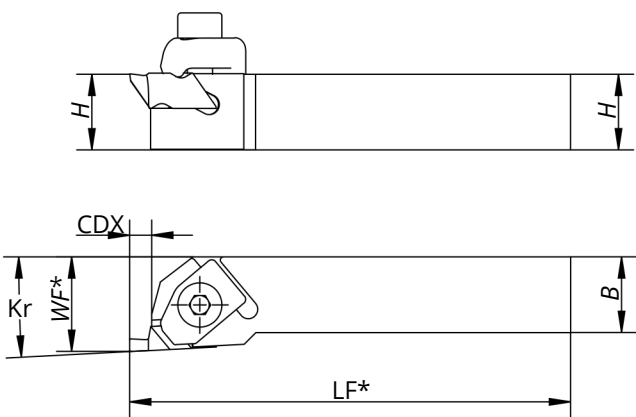


U-External Holder

Holder - R/L
(DU ...SR/L)
Threading and Grooving



RH Shown



Holder - (Kr)
Insert - (PSIRL / PSIRR)
Kr=PSIRL/PSIRR=3°

Insert Size	Holder description	DIM						PARTS		
		H	B	LF*	WF*	CDX	-	Clamp	Clamp Screw	Wrench

Inch

U2R	DU2RSR-6	3/8	3/8	2-1/2	.562	.14	-	CU2R	HICS040160-H3	SW3.0
	DU2RSR-8V	1/2	1/2	3-1/2	.750	.14	-			
	DU2RSR-10B	5/8	5/8	4-1/2	1.000	.14	-			
	DU2RSR-12B	3/4	3/4	4-1/2	1.000	.14	-			
	DU2RSR-16C	1	1	5	1.250	.14	-			
U2L	DU2LSL-6	3/8	3/8	2-1/2	.562	.14	-	CU2L	HICS040160-H3	SW3.0
	DU2LSL-8V	1/2	1/2	3-1/2	.750	.14	-			
	DU2LSL-12B	3/4	3/4	4-1/2	1.000	.14	-			
	DU2LSL-16C	1	1	5	1.250	.14	-			
U3R	DU3RSR-12B	3/4	3/4	4-1/2	1.000	.21	-	CU4R	HICS050200-H4	SW4.0
	DU3RSR-16C	1	1	5	1.250	.21	-			
	DU3RSR-16D	1	1	6	1.250	.21	-			
	DU3RSR-20D	1-1/4	1-1/4	6	1.500	.21	-			
U3L	DU3LSL-12B	3/4	3/4	4-1/2	1.000	.21	-	CU4L	HICS050200-H4	SW4.0
	DU3LSL-16C	1	1	5	1.250	.21	-			
	DU3LSL-16D	1	1	6	1.250	.21	-			
	DU3LSL-20D	1-1/4	1-1/4	6	1.500	.21	-			
U5R	DU5RSR-20D	1-1/4	1-1/4	6	1.500	.40	-	CU5R	HICS080300-H6	SW6.0
U5L	DU5LSL-20D	1-1/4	1-1/4	6	1.500	.40	-	CU5L	HICS080300-H6	SW6.0

Metric

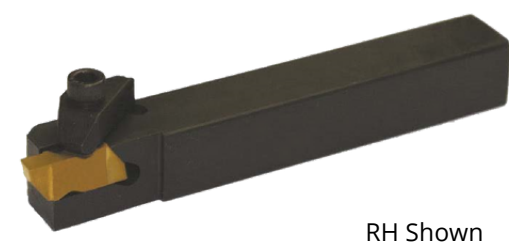
U2R	DU2RSR-2020K-M	20	20	125	25	3	-	CU2R	HICS040160-H3	SW3.0
	DU2RSR-2525M-M	25	25	150	32	3	-			
U2L	DU2LSL-2020K-M	20	20	125	25	3	-	CU2L	HICS040160-H3	SW3.0
	DU2LSL-2525M-M	25	25	150	32	3	-			
U3R	DU3RSR-2020K-M	20	20	125	32	5	-	CU4R	HICS050200-H4	SW4.0
	DU3RSR-2525M-M	25	25	150	32	5	-			
U3L	DU3LSL-2020K-M	20	20	125	32	5	-	CU4L	HICS050200-H4	SW4.0
	DU3LSL-2525M-M	25	25	150	32	5	-			

* "C"&"F" Dim. over sharp point of grooving insert.
- Product order number = Holder description.

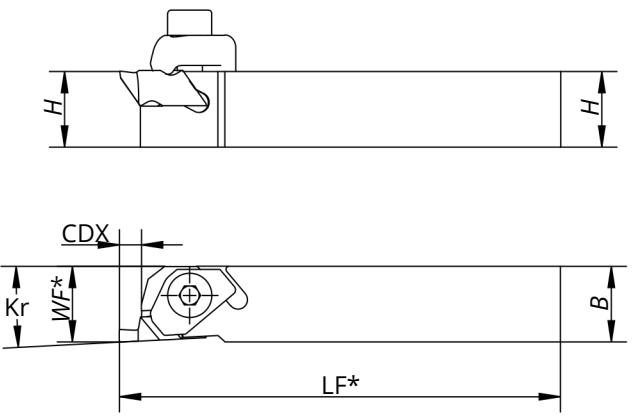


U-External Holder

Holder - R/L
(DU ...NR/L)
Threading and Grooving



RH Shown



Holder - (Kr)
Insert - (PSIRL / PSIRR)
Kr=PSIRL/PSIRR=3°

Insert Size	Holder description	DIM						PARTS		
		H	B	LF*	WF*	CDX	-	Clamp	Clamp Screw	Wrench

Inch

U2R	DU2RNR-06D	3/8	3/8	6	.375	.138	-	CU2R-10	HICS040160-H3	SW3.0
	DU2RNR-08D	1/2	1/2	6	.500	.138	-	CU2R-12		
	DU2RNR-10B	5/8	5/8	4-1/2	.625	.138	-	CU2R		
U2L	DU2LNL-06D	3/8	3/8	6	.375	.138	-	CU2R-10	HICS040160-H3	SW3.0
	DU2LNL-08D	1/2	1/2	6	.500	.138	-	CU2R-12		
	DU2LNL-10B	5/8	5/8	4-1/2	.625	.138	-	CU2L		
U3R	DU3RNR-10B	5/8	5/8	4-1/2	.625	.21	-	CU4R-16	HICS050200-H4	SW4.0
U3L	DU3LNL-10B	5/8	5/8	4-1/2	.625	.21	-	CU4L-16	HICS050200-H4	SW4.0

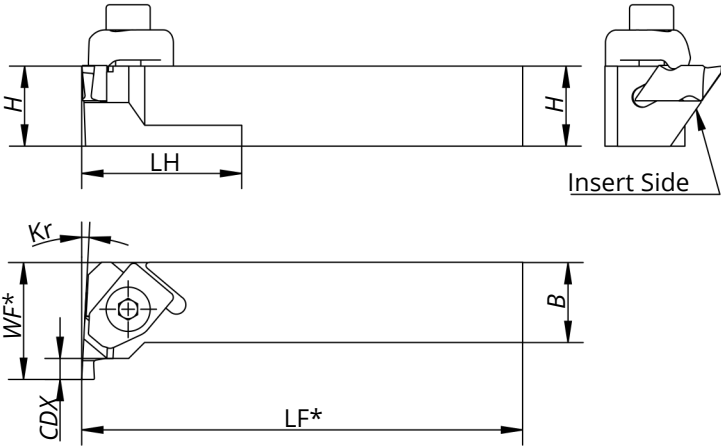
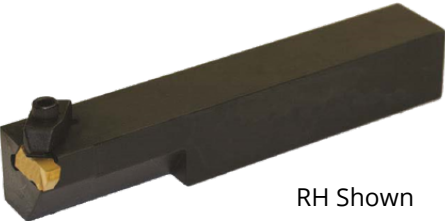
Metric

U2R	DU2RNR-1010M-M	10	10	150	10	3.51	-	CU2R-10	HICS040160-H3	SW3.0
	DU2RNR-1212M-M	12	12	150	12	3.51	-	CU2R-12		
	DU2RNR-1616M-M	16	16	150	16	3.51	-	CU2R		
U2L	DU2LNL-1010M-M	10	10	150	10	3.51	-	CU2R-10	HICS040160-H3	SW3.0
	DU2LNL-1212M-M	12	12	150	12	3.51	-	CU2R-12		
	DU2LNL-1616M-M	16	16	150	16	3.51	-	CU2L		
U3R	DU3RNR-1616K-M	16	16	125	16	5.31	-	CU4R-16	HICS050200-H4	SW4.0
U3L	DU3LNL-1616K-M	16	16	125	16	5.31	-	CU4L-16	HICS050200-H4	SW4.0

* "C"&"F" Dim. over sharp point of grooving insert.
- Product order number = Holder description.

U-External Holder

Holder - R/L
(DU ...ER/L)
Threading and Grooving



Holder - (Kr)
Insert - (PSIRL / PSIRR)
Kr=PSIRL/PSIRR=3°

Insert Size	Holder description	DIM						PARTS		
		H	B	LF*	WF*	CDX	LH	Clamp	Clamp Screw	Wrench

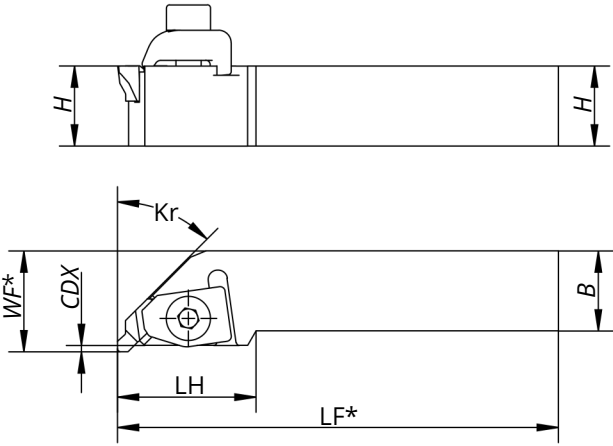
Inch

U2L	DU2LER-8V	1/2	1/2	3-1/2	.750	.14	1	CU2L	HICS040160-H3	SW3.0
	DU2LER-12B	3/4	3/4	4-1/2	1.000	.14	1			
	DU2LER-16C	1	1	5	1.250	.14	1			
U2R	DU2REL-8V	1/2	1/2	3-1/2	.750	.14	1	CU2R	HICS040160-H3	SW3.0
	DU2REL-12B	3/4	3/4	4-1/2	1.000	.14	1			
	DU2REL-16C	1	1	5	1.250	.14	1			
U3L	DU3LER-12B	3/4	3/4	4-1/2	1.125	.21	2	CU4L	HICS050200-H4	SW4.0
	DU3LER-16D	1	1	6	1.250	.21	2			
	DU3LER-20D	1-1/4	1-1/4	6	1.500	.21	2			
U3R	DU3REL-12B	3/4	3/4	4-1/2	1.125	.21	2	CU4R	HICS050200-H4	SW4.0
	DU3REL-16D	1	1	6	1.250	.21	2			
	DU3REL-20D	1-1/4	1-1/4	6	1.500	.21	2			
U4L	DU4LER-16D	1	1	6	1.375	.29	2	CU4L	HICS050200-H4	SW4.0
	DU4LER-20D	1-1/4	1-1/4	6	1.625	.29	2			
U4R	DU4REL-16D	1	1	6	1.375	.29	2	CU4R	HICS050200-H4	SW4.0
	DU4REL-20D	1-1/4	1-1/4	6	1.625	.29	2			
U5L	DU5LER-20D	1-1/4	1-1/4	6	2.000	.29	2	CU5L	HICS080300-H6	SW6.0
U5R	DU5REL-20D	1-1/4	1-1/4	6	2.000	.29	2	CU5R	HICS080300-H6	SW6.0
U6L	DU6LER-20D	1-1/4	1-1/4	6	1.625	.29	2	CU6L	HICS080250-H6	SW6.0
U6R	DU6REL-20D	1-1/4	1-1/4	6	1.625	.29	2	CU6R	HICS080250-H6	SW6.0

* "C"&"F" Dim. over sharp point of grooving insert.
- Product order number = Holder description.

U-External Holder

Holder - R/L
(DU ...RR/L)
Undercutting



Holder - (Kr)
Kr=45°

Insert Size	Holder description	DIM						PARTS		
		H	B	LF*	WF*	CDX	LH	Clamp	Clamp Screw	Wrench

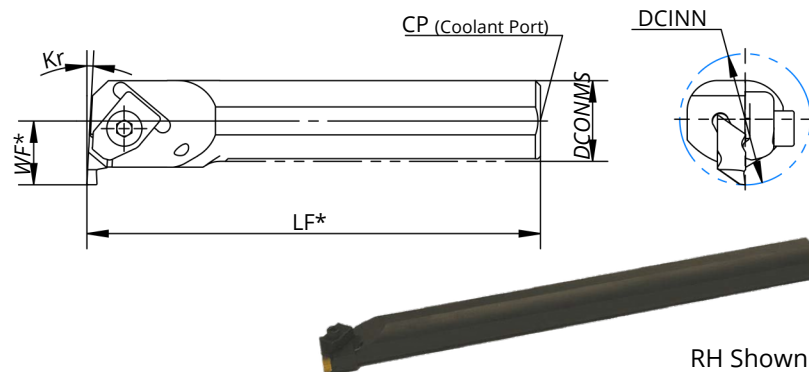
Inch

U3L	DU3LRR-12B	3/4	3/4	4-1/2	1.000	.118	1-1/4	CU4L	HICS050200-H4	SW4.0
	DU3LRR-16D	1	1	6	1.250	.118	1-1/4			
	DU3LRR-20D	1-1/4	1-1/4	6	1.500	.118	1-1/4			
U3R	DU3RRL-12B	3/4	3/4	4-1/2	1.000	.118	1-1/4	CU4R	HICS050200-H4	SW4.0
	DU3RRL-16D	1	1	6	1.250	.118	1-1/4			
	DU3RRL-20D	1-1/4	1-1/4	6	1.500	.118	1-1/4			

* "C"&"F" Dim. over sharp point of undercutting insert.
- Product order number = Holder description.

U-Internal Holder

Holder - R/L
(A...-DU ...ER/L)
Threading and Grooving
Coolant hole (Add CP to
end of holder)



Holder - (Kr)
Insert - (PSIRL / PSIRR)
Kr=PSIRL/PSIRR=3°

Insert Size	Holder description	DIM					PARTS		
		DCINN	DCONMS	LF*	WF*	CP	Clamp	Clamp Screw	Wrench

Inch

U2L	A08-DU2LER	.730	.500	8	.437	1/16-27 NPT	CU2L-IS	IS4011-15	IW-15
	A10-DU2LER	1.000	.625	10	.500	1/8-27 NPT	CU2L	HICS040160-H3	SW3.0
	A12-DU2LER	1.125	.750	10	.562	1/8-27 NPT			
	A16-DU2LER	1.375	1.000	12	.688	1/4-18 NPT			
U2R	A08-DU2REL	.730	.500	8	.437	1/16-27 NPT	CU2R-IS	IS4011-15	IW-15
	A12-DU2REL	1.125	.750	10	.562	1/8-27 NPT	CU2R	HICS040160-H3	SW3.0
	A16-DU2REL	1.375	1.000	12	.688	1/4-18 NPT			
	A16-DU3LER	1.375	1.000	12	.688	1/4-18 NPT	CU4L	HICS050200-H4	SW4.0
U3L	A20-DU3LER	1.750	1.250	14	.875	1/4-18 NPT			
	A24-DU3LER	2.000	1.500	14	1.000	1/4-18 NPT			
	A28-DU3LER	2.250	1.750	14	1.125	1/4-18 NPT			
	A32-DU3LER	2.500	2.000	16	1.250	1/4-18 NPT			
U3R	A16-DU3REL	1.375	1.000	12	.688	1/4-18 NPT	CU4R	HICS050200-H4	SW4.0
	A20-DU3REL	1.750	1.250	14	.875	1/4-18 NPT			
	A24-DU3REL	2.000	1.500	14	1.000	1/4-18 NPT			
	A32-DU3REL	2.500	2.000	16	1.250	1/4-18 NPT			
	A28-DU4LER	2.250	1.750	14	1.250	1/4-18 NPT	CU4L	HICS050200-H4	SW4.0
U4L	A32-DU4LER	2.750	2.000	16	1.296	1/4-18 NPT			
U4R	A28-DU4REL	2.250	1.750	14	1.250	1/4-18 NPT	CU4R	HICS050200-H4	SW4.0
	A32-DU4REL	2.750	2.000	16	1.296	1/4-18 NPT			
U5L	A32-DU5LER	2.812	2.000	16	1.406	1/4-18 NPT	CU5L	HICS080300-H6	SW6.0
U6L	A32-DU6LER	2.750	2.000	16	1.375	1/4-18 NPT	CU6L	HICS080250-H6	SW6.0

Metric

U2L	A16S-DU2LER-M	25.4	16	250	12.65	1/8-27 NPT	CU2L	HICS040160-H3	SW3.0
	A20S-DU2LER-M	28.6	20	250	13.8	1/8-27 NPT			
	A25T-DU2LER-M	34.9	25	300	17.7	1/4-18 NPT			
U2R	A25T-DU2REL-M	34.9	25	300	17.7	1/4-18 NPT	CU2R	HICS040160-H3	SW3.0
U3L	A25T-DU3LER-M	34.9	25	300	17.7	1/4-18 NPT	CU4L	HICS050200-H4	SW4.0
	A32U-DU3LER-M	44.45	32	350	22.1	1/4-18 NPT			
	A40U-DU3LER-M	50.8	40	350	24.45	1/4-18 NPT			
U3R	A25T-DU3REL-M	34.9	25	300	17.7	1/4-18 NPT	CU4R	HICS050200-H4	SW4.0
	A32U-DU3REL-M	44.45	32	350	22.1	1/4-18 NPT			
	A40U-DU3REL-M	50.8	40	350	24.45	1/4-18 NPT			
U4L	A50V-DU4LER-M	63.5	50	400	35.3	1/4-18 NPT	CU4L	HICS050200-H4	SW4.0
U4R	A50V-DU4REL-M	63.5	50	400	35.3	1/4-18 NPT	CU4R	HICS050200-H4	SW4.0

* "C" & "F" Dim. over sharp point of grooving insert.
- Product order number = Holder description.

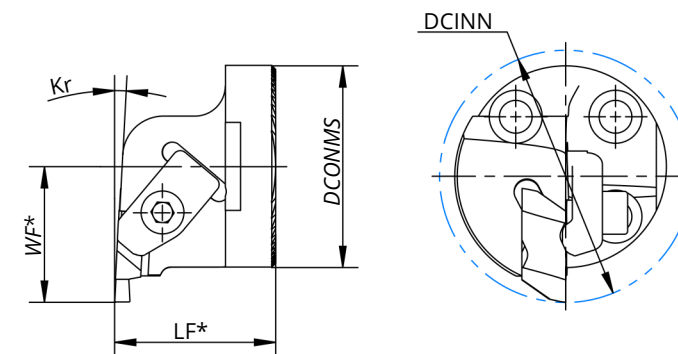
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U-Grooving Boring Heads

Holder - R/L
(810...-DU ...ER/L)



RH Shown



Holder - (Kr)
Insert - (PSIRL / PSIRR)
Kr=PSIRL/PSIRR=3°

Insert Size	Holder description	DIM					PARTS		
		DCINN	DCONMS	LF*	WF*	-	Clamp	Clamp Screw	Wrench

Inch

U3L	810.32-DU3LER-IW	1.73	1.25	1.34	0.866	-	CU4L	HICS050200-H4	SW4.0
	810.40-DU3LER-IW	2.21	1.57	1.58	1.102	-			
	810.50-DU3LER-IW	2.76	1.97	1.65	1.380	-			
	810.60-DU3LER-IW	3.48	2.36	1.75	1.740	-			
U3R	810.32-DU3REL-IW	1.73	1.25	1.34	0.866	-	CU4R	HICS050200-H4	SW4.0
	810.40-DU3REL-IW	2.21	1.57	1.58	1.102	-			
	810.50-DU3REL-IW	2.76	1.97	1.65	1.380	-			
	810.60-DU3REL-IW	3.48	2.36	1.75	1.740	-			
U4L	810.50-DU4LER-IW	2.76	1.97	1.65	1.380	-	CU4L	HICS050200-H4	SW4.0
	810.60-DU4LER-IW	3.48	2.36	1.75	1.740	-			
U4R	810.50-DU4REL-IW	2.76	1.97	1.65	1.380	-	CU4R	HICS050200-H4	SW4.0
	810.60-DU4REL-IW	3.48	2.36	1.75	1.740	-			

* "C" & "F" Dim. over sharp point of grooving insert.
- Product order number = Holder description.

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