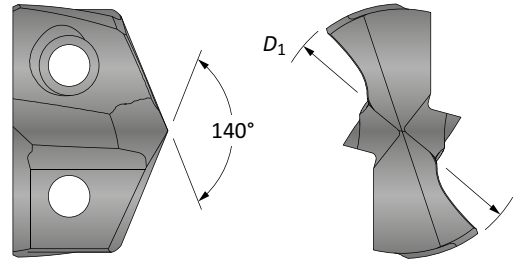
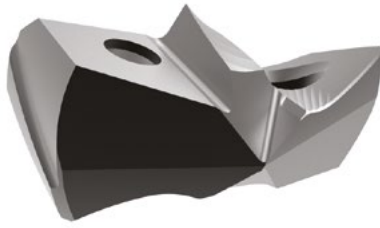







GEN3SYS® XT Pro Drill Inserts

18 Series | Diameter Range: 18.00mm - 19.99mm (0.7087" - 0.7873")

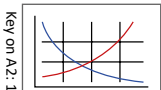


Insert					
D_1 mm	D_1 inch	Fractional Equivalent	Part No. P	Part No. K	Part No. N
18.00	0.7087	-	XTP18-18.00	XTK18-18.00	XTN18-18.00
18.10	0.7126	-	XTP18-18.10	XTK18-18.10	XTN18-18.10
18.20	0.7165	-	XTP18-18.20	XTK18-18.20	XTN18-18.20
18.26	0.7188	23/32	XTP18-18.26	XTK18-18.26	XTN18-18.26
18.30	0.7205	-	XTP18-18.30	XTK18-18.30	XTN18-18.30
18.40	0.7244	-	XTP18-18.40	XTK18-18.40	XTN18-18.40
18.50	0.7283	-	XTP18-18.50	XTK18-18.50	XTN18-18.50
18.60	0.7323	-	XTP18-18.60	XTK18-18.60	XTN18-18.60
18.65	0.7344	47/64	XTP18-18.65	XTK18-18.65	XTN18-18.65
18.70	0.7362	-	XTP18-18.70	XTK18-18.70	XTN18-18.70
18.80	0.7402	-	XTP18-18.80	XTK18-18.80	XTN18-18.80
18.90	0.7441	-	XTP18-18.90	XTK18-18.90	XTN18-18.90
19.00	0.7480	-	XTP18-19.00	XTK18-19.00	XTN18-19.00
19.05	0.7500	3/4	XTP18-19.05	XTK18-19.05	XTN18-19.05
19.10	0.7520	-	XTP18-19.10	XTK18-19.10	XTN18-19.10
19.20	0.7559	-	XTP18-19.20	XTK18-19.20	XTN18-19.20
19.25	0.7580	-	XTP18-19.25	XTK18-19.25	XTN18-19.25
19.30	0.7598	-	XTP18-19.30	XTK18-19.30	XTN18-19.30
19.40	0.7638	-	XTP18-19.40	XTK18-19.40	XTN18-19.40
19.45	0.7656	49/64	XTP18-19.45	XTK18-19.45	XTN18-19.45
19.50	0.7677	-	XTP18-19.50	XTK18-19.50	XTN18-19.50
19.60	0.7717	-	XTP18-19.60	XTK18-19.60	XTN18-19.60
19.70	0.7756	-	XTP18-19.70	XTK18-19.70	XTN18-19.70
19.80	0.7795	-	XTP18-19.80	XTK18-19.80	XTN18-19.80
19.84	0.7813	25/32	XTP18-19.84	XTK18-19.84	XTN18-19.84
19.90	0.7835	-	XTP18-19.90	XTK18-19.90	XTN18-19.90

Inserts sold in multiples of 1

A2: 66 - 75

A2: 2 - 5

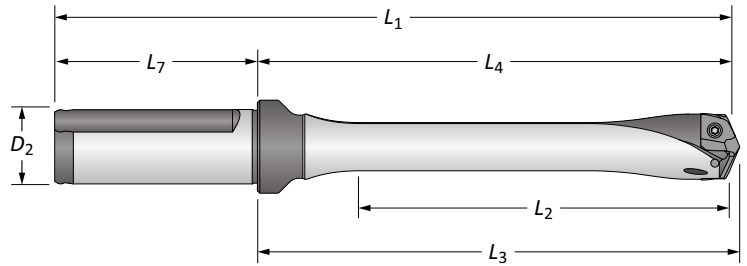








Sizes not shown are available upon request.
When ordering, please follow the example below:

Metric:	13.16mm, Steel, 13 series = use Part No. XTP13-13.16
Imperial:	0.5180", Steel, 13 series = use Part No. XTP13-13.16






GEN3SYS®XT Pro Drill Insert Holders

18 Series | Diameter Range: 18.00mm - 19.99mm (0.7087" - 0.7873")




Flute	Body					Shank			Part No.
	Length	L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	Flat	
 Straight	3xD	60.0	94.0	96.8	150.0	56.0	25.0	YES	HXT0318S-25FM
	3xD	60.0	94.0	96.8	150.0	56.0	25.0	NO	HXT0318S-25CM
	5xD	100.0	134.0	136.8	190.0	56.0	25.0	YES	HXT0518S-25FM
	5xD	100.0	134.0	136.8	190.0	56.0	25.0	NO	HXT0518S-25CM
	7xD	140.0	174.0	176.8	230.0	56.0	25.0	YES	HXT0718S-25FM
	7xD	140.0	174.0	176.8	230.0	56.0	25.0	NO	HXT0718S-25CM
	10xD	199.9	234.1	236.7	290.1	56.0	25.0	YES	 HXT1018S-25FM
	10xD	199.9	234.1	236.7	290.1	56.0	25.0	NO	 HXT1018S-25CM
 Straight	3xD	2-23/64	3-45/64	3-13/16	5-63/64	2-9/32	1	YES	HXT0318S-100F
	3xD	2-23/64	3-45/64	3-13/16	5-63/64	2-9/32	1	NO	HXT0318S-100C
	5xD	3-15/16	5-17/64	5-25/64	7-35/64	2-9/32	1	YES	HXT0518S-100F
	5xD	3-15/16	5-17/64	5-25/64	7-35/64	2-9/32	1	NO	HXT0518S-100C
	7xD	5-33/64	6-27/32	6-61/64	9-1/8	2-9/32	1	YES	HXT0718S-100F
	7xD	5-33/64	6-27/32	6-61/64	9-1/8	2-9/32	1	NO	HXT0718S-100C
	10xD	7-7/8	9-7/32	9-5/16	11-31/64	2-9/32	1	YES	 HXT1018S-100F
	10xD	7-7/8	9-7/32	9-5/16	11-31/64	2-9/32	1	NO	 HXT1018S-100C

Connection Accessories

					Admissible Tightening Torque* 305 N-cm (27.0 in-lbs)
7375-IP9-1	7375N-IP9-1	8IP-9	8IP-9TL	8IP-9B	

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

 = Metric (mm)

 = Imperial (in)

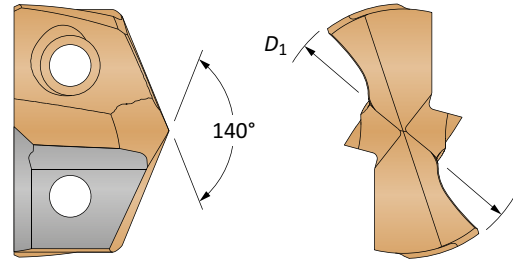
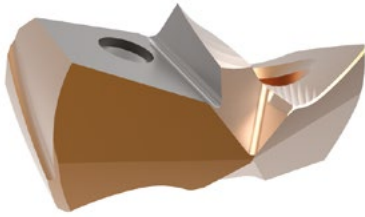
Screws sold in multiples of 10

WARNING Refer to Speed and Feed charts for recommended adjustments to speeds and feeds. Refer to page A2: 65 for deep hole drilling guidelines in this section of the catalogue. Visit www.alliedmachine.com for the most up-to-date information and procedures. Factory technical assistance is available for your specific applications through our Application Engineering Team.



GEN3SYS®XT Drill Inserts

18 Series | Diameter Range: 18.00mm - 19.99mm (0.7087" - 0.7873")

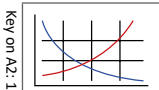


Carbide Substrate	Insert			Standard Part No.	Low Rake Part No.	Cast Iron Part No.	Stainless Part No.
	D ₁ mm	D ₁ inch	Fractional Equivalent				
K35 (C1)	18.00	0.7087	–	7C118P-18	7C118P-18LR	–	–
	18.26	0.7188	23/32	7C118P-0023	7C118P-0023LR	–	–
	18.50	0.7283	–	7C118P-18.5	7C118P-18.5LR	–	–
	18.65	0.7344	47/64	7C118P-.734	7C118P-.734LR	–	–
	19.00	0.7480	–	7C118P-19	7C118P-19LR	–	–
	19.05	0.7500	3/4	7C118P-0024	7C118P-0024LR	–	–
	19.25	0.7580	–	7C118P-.758	7C118P-.758LR	–	–
	19.45	0.7656	49/64	7C118P-.765	7C118P-.765LR	–	–
	19.50	0.7677	–	7C118P-19.5	7C118P-19.5LR	–	–
	19.80	0.7795	–	7C118P-19.8	7C118P-19.8LR	–	–
19.85	0.7813	25/32	7C118P-0025	7C118P-0025LR	–	–	
K20 (C2)	18.00	0.7087	–	7C218P-18	7C218P-18LR	7C218P-18CI	7C218P-18AS
	18.26	0.7188	23/32	7C218P-0023	7C218P-0023LR	7C218P-0023CI	7C218P-0023AS
	18.50	0.7283	–	7C218P-18.5	7C218P-18.5LR	7C218P-18.5CI	7C218P-18.5AS
	18.65	0.7344	47/64	7C218P-.734	7C218P-.734LR	7C218P-.734CI	7C218P-.734AS
	19.00	0.7480	–	7C218P-19	7C218P-19LR	7C218P-19CI	7C218P-19AS
	19.05	0.7500	3/4	7C218P-0024	7C218P-0024LR	7C218P-0024CI	7C218P-0024AS
	19.25	0.7580	–	7C218P-.758	7C218P-.758LR	7C218P-.758CI	7C218P-.758AS
	19.45	0.7656	49/64	7C218P-.765	7C218P-.765LR	7C218P-.765CI	7C218P-.765AS
	19.50	0.7677	–	7C218P-19.5	7C218P-19.5LR	7C218P-19.5CI	7C218P-19.5AS
	19.80	0.7795	–	7C218P-19.8	7C218P-19.8LR	7C218P-19.8CI	7C218P-19.8AS
19.85	0.7813	25/32	7C218P-0025	7C218P-0025LR	7C218P-0025CI	7C218P-0025AS	

Inserts sold in multiples of 1

A2: 66 - 75

A2: 2 - 5



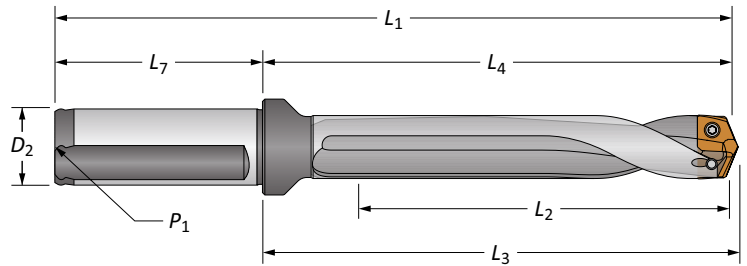
Sizes not shown are available upon request.

When ordering, please follow the example below:


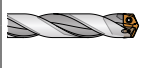
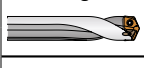

Metric:	13.16mm, Steel, 13 series = use Part No. XTP13-13.16
Imperial:	0.5180", Steel, 13 series = use Part No. XTP13-13.16

GEN3SYS®XT Standard Drill Insert Holders

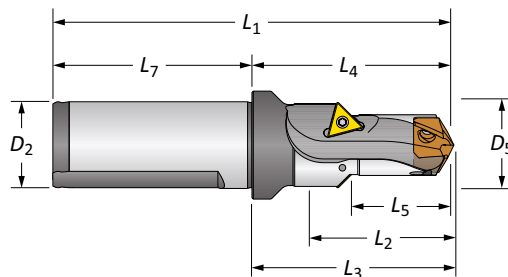
18 Series | Diameter Range: 18.00mm - 19.99mm (0.7087" - 0.7873")






Straight and Helical

Flute	Length	Body					Shank				Part No.
		L ₂	L ₄	L ₃	L ₁	L ₇	D ₂	P ₁	Flat		
	3xD	60.0	94.0	96.8	150.0	56.0	25.0	1/8*	YES	60318S-25FM	
	5xD	100.0	134.0	136.8	190.0	56.0	25.0	1/8*	YES	60518S-25FM	
	7xD	140.0	174.0	176.8	230.0	56.0	25.0	1/8*	YES	60718S-25FM	
	Stub	22.0	56.0	58.8	112.0	56.0	25.0	1/8*	YES	60118H-25FM	
	3xD	60.0	94.0	96.8	150.0	56.0	25.0	1/8*	YES	60318H-25FM	
	3xD	60.0	94.0	96.8	150.0	56.0	25.0	1/8*	NO	60318H-25CM	
	5xD	100.0	134.0	136.8	190.0	56.0	25.0	1/8*	YES	60518H-25FM	
	5xD	100.0	134.0	136.8	190.0	56.0	25.0	1/8*	NO	60518H-25CM	
	7xD	140.0	174.0	176.8	230.0	56.0	25.0	1/8*	YES	60718H-25FM	
	7xD	140.0	174.0	176.8	230.0	56.0	25.0	1/8*	NO	60718H-25CM	
	3xD	2-23/64	3-45/64	3-13/16	5-63/64	2-9/32	1	1/8	YES	60318S-100F	
	5xD	3-15/16	5-17/64	5-25/64	7-35/64	2-9/32	1	1/8	YES	60518S-100F	
	7xD	5-33/64	6-27/32	6-61/64	9-1/8	2-9/32	1	1/8	YES	60718S-100F	
	Stub	7/8	2-13/64	2-5/16	4-31/64	2-9/32	1	1/8	YES	60118H-100F	
	3xD	2-23/64	3-45/64	3-13/16	5-63/64	2-9/32	1	1/8	YES	60318H-100F	
	3xD	2-23/64	3-45/64	3-13/16	5-63/64	2-9/32	1	1/8	NO	60318H-100C	
	5xD	3-15/16	5-17/64	5-25/64	7-35/64	2-9/32	1	1/8	YES	60518H-100F	
	5xD	3-15/16	5-17/64	5-25/64	7-35/64	2-9/32	1	1/8	NO	60518H-100C	
	7xD	5-33/64	6-27/32	6-61/64	9-1/8	2-9/32	1	1/8	YES	60718H-100F	
	7xD	5-33/64	6-27/32	6-61/64	9-1/8	2-9/32	1	1/8	NO	60718H-100C	



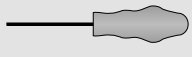


*Thread to BSP and ISO 7-1



Drill / Chamfer

Step	Body					Shank		Part No.		Chamfer Insert
	D ₅	L ₅	L ₂	L ₄	L ₃	L ₁	L ₇			
	25.1	27	35.2	56.0	58.8	114.8	56.0	25.0	60118C45-25FM	TCMT-110204
	63/64	1-1/16	1-25/64	2-13/64	2-5/16	4-31/64	2-9/32	1	60118C45-100F	TCMT-110204

Connection Accessories

					Admissible Tightening Torque*
7375-IP9-1	7375N-IP9-1	8IP-9	8IP-9TL	8IP-9B	

*Tightening torques are calculated with a friction coefficient of $\mu = 0.14$ and develop 90% of ultimate yield strength

Chamfer inserts sold separately in multiples of 10 | Screws sold in multiples of 10  = Metric (mm)  = Imperial (in)