



Vol 8

Ideal for Aerospace Fastener Applications

# HY-PRO<sup>®</sup> AERO-F

Inch & Metric Plug (4P-5P)



Scan to check out our  
HY-PRO<sup>®</sup> AERO-F spiral point taps  
[osgtool.com/hy-pro-aero-f-taps-11015](http://osgtool.com/hy-pro-aero-f-taps-11015)

## List 11015

HY-PRO® AERO-F



EDP	Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	
			L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)		
1101500105	●	No. 4 - 40 UNC	H3	1.875	0.382	0.693	0.141	0.110	0.188	3
1101505605	●	No. 4 - 40 UNC	H4	1.875	0.382	0.693	0.141	0.110	0.188	3
1101500205	●	No. 4 - 40 UNC	H5	1.875	0.382	0.693	0.141	0.110	0.188	3
1101500305	●	No. 4 - 40 UNC	H6	1.875	0.382	0.693	0.141	0.110	0.188	3
1101505705	●	No. 4 - 40 UNC	H7	1.875	0.382	0.693	0.141	0.110	0.188	3
1101515505	●	No. 4 - 40 UNC	H8	1.875	0.382	0.693	0.141	0.110	0.188	3
1101515605	●	No. 4 - 48 UNF	H3	1.875	0.382	0.693	0.141	0.110	0.188	3
1101515705	●	No. 4 - 48 UNF	H4	1.875	0.382	0.693	0.141	0.110	0.188	3
1101515805	●	No. 4 - 48 UNF	H5	1.875	0.382	0.693	0.141	0.110	0.188	3
1101515905	●	No. 4 - 48 UNF	H6	1.875	0.382	0.693	0.141	0.110	0.188	3
1101506505	●	No. 4 - 48 UNF	H7	1.875	0.382	0.693	0.141	0.110	0.188	3
1101506605	●	No. 4 - 48 UNF	H8	1.875	0.382	0.693	0.141	0.110	0.188	3
1101500405	●	No. 6 - 32 UNC	H3	2.000	0.433	0.811	0.141	0.110	0.188	3
1101505805	●	No. 6 - 32 UNC	H4	2.000	0.433	0.811	0.141	0.110	0.188	3
1101500505	●	No. 6 - 32 UNC	H5	2.000	0.433	0.811	0.141	0.110	0.188	3
1101500605	●	No. 6 - 32 UNC	H6	2.000	0.433	0.811	0.141	0.110	0.188	3
1101500705	●	No. 6 - 32 UNC	H7	2.000	0.433	0.811	0.141	0.110	0.188	3
1101500805	●	No. 6 - 32 UNC	H8	2.000	0.433	0.811	0.141	0.110	0.188	3
1101506705	●	No. 6 - 32 UNC	H9	2.000	0.433	0.811	0.141	0.110	0.188	3
1101506805	●	No. 6 - 32 UNC	H10	2.000	0.433	0.811	0.141	0.110	0.188	3
1101506905	●	No. 6 - 32 UNC	H11	2.000	0.433	0.811	0.141	0.110	0.188	3
1101507005	●	No. 6 - 40 UNF	H3	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507105	●	No. 6 - 40 UNF	H4	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507205	●	No. 6 - 40 UNF	H5	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507305	●	No. 6 - 40 UNF	H6	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507405	●	No. 6 - 40 UNF	H7	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507505	●	No. 6 - 40 UNF	H8	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507605	●	No. 6 - 40 UNF	H9	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507705	●	No. 6 - 40 UNF	H10	2.000	0.374	0.811	0.141	0.110	0.188	3
1101507805	●	No. 6 - 40 UNF	H11	2.000	0.374	0.811	0.141	0.110	0.188	3
1101500905	●	No. 8 - 32 UNC	H3	2.125	0.437	0.878	0.168	0.131	0.250	3
1101501005	●	No. 8 - 32 UNC	H4	2.125	0.437	0.878	0.168	0.131	0.250	3
1101501105	●	No. 8 - 32 UNC	H5	2.125	0.437	0.878	0.168	0.131	0.250	3
1101501205	●	No. 8 - 32 UNC	H6	2.125	0.437	0.878	0.168	0.131	0.250	3
1101501305	●	No. 8 - 32 UNC	H7	2.125	0.437	0.878	0.168	0.131	0.250	3
1101501405	●	No. 8 - 32 UNC	H8	2.125	0.437	0.878	0.168	0.131	0.250	3
1101507905	●	No. 8 - 32 UNC	H9	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508005	●	No. 8 - 32 UNC	H10	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508105	●	No. 8 - 32 UNC	H11	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508205	●	No. 8 - 36 UNF	H3	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508305	●	No. 8 - 36 UNF	H4	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508405	●	No. 8 - 36 UNF	H5	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508505	●	No. 8 - 36 UNF	H6	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508605	●	No. 8 - 36 UNF	H7	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508705	●	No. 8 - 36 UNF	H8	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508805	●	No. 8 - 36 UNF	H9	2.125	0.437	0.878	0.168	0.131	0.250	3
1101508905	●	No. 8 - 36 UNF	H10	2.125	0.437	0.878	0.168	0.131	0.250	3
1101509005	●	No. 8 - 36 UNF	H11	2.125	0.437	0.878	0.168	0.131	0.250	3
1101509105	●	No. 10 - 24 UNC	H3	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509205	●	No. 10 - 24 UNC	H4	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509305	●	No. 10 - 24 UNC	H5	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509405	●	No. 10 - 24 UNC	H6	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509505	●	No. 10 - 24 UNC	H7	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509605	●	No. 10 - 24 UNC	H8	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509705	●	No. 10 - 24 UNC	H9	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509805	●	No. 10 - 24 UNC	H10	2.374	0.630	1.000	0.194	0.152	0.250	3
1101509905	●	No. 10 - 24 UNC	H11	2.374	0.630	1.000	0.194	0.152	0.250	3

● Stocked ○ Available Upon Request MOQ May Apply ▲ Globally Stocked



## List 11015 (Continued)

HY-PRO® AERO-F



EDP		Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	
1101501505	●	No. 10 - 32 UNF	H3	2.374	0.508	1.000	0.194	0.152	0.250	3
1101501605	●	No. 10 - 32 UNF	H4	2.374	0.508	1.000	0.194	0.152	0.250	3
1101501705	●	No. 10 - 32 UNF	H5	2.374	0.508	1.000	0.194	0.152	0.250	3
1101501805	●	No. 10 - 32 UNF	H6	2.374	0.508	1.000	0.194	0.152	0.250	3
1101501905	●	No. 10 - 32 UNF	H7	2.374	0.508	1.000	0.194	0.152	0.250	3
1101502005	●	No. 10 - 32 UNF	H8	2.374	0.508	1.000	0.194	0.152	0.250	3
1101502105	●	No. 10 - 32 UNF	H9	2.374	0.508	1.000	0.194	0.152	0.250	3
1101506005	●	No. 10 - 32 UNF	H10	2.374	0.508	1.000	0.194	0.152	0.250	3
1101506105	●	No. 10 - 32 UNF	H11	2.374	0.508	1.000	0.194	0.152	0.250	3
1101506205	●	No. 10 - 32 UNF	H12	2.374	0.508	1.000	0.194	0.152	0.250	3
1101516005	●	No. 10 - 32 UNF	H13	2.374	0.508	1.000	0.194	0.152	0.250	3
1101516105	●	No. 12 - 28 UNC	H3	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516205	●	No. 12 - 28 UNC	H4	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516305	●	No. 12 - 28 UNC	H5	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516405	●	No. 12 - 28 UNC	H6	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516505	●	No. 12 - 28 UNC	H7	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516605	●	No. 12 - 28 UNC	H8	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516705	●	No. 12 - 28 UNC	H9	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516805	●	No. 12 - 28 UNC	H10	2.374	0.543	1.067	0.220	0.165	0.281	3
1101516905	●	No. 12 - 28 UNC	H11	2.374	0.543	1.067	0.220	0.165	0.281	3
1101510005	●	1/4 - 20 UNC	H3	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510105	●	1/4 - 20 UNC	H4	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510205	●	1/4 - 20 UNC	H5	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510305	●	1/4 - 20 UNC	H6	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510405	●	1/4 - 20 UNC	H7	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510505	●	1/4 - 20 UNC	H8	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510605	●	1/4 - 20 UNC	H9	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510705	●	1/4 - 20 UNC	H10	2.500	0.752	1.122	0.255	0.191	0.313	3
1101510805	●	1/4 - 20 UNC	H11	2.500	0.752	1.122	0.255	0.191	0.313	3
1101502205	●	1/4 - 28 UNF	H3	2.500	0.563	1.114	0.255	0.191	0.313	3
1101505505	●	1/4 - 28 UNF	H4	2.500	0.563	1.114	0.255	0.191	0.313	3
1101502305	●	1/4 - 28 UNF	H5	2.500	0.563	1.114	0.255	0.191	0.313	3
1101502405	●	1/4 - 28 UNF	H6	2.500	0.563	1.114	0.255	0.191	0.313	3
1101502505	●	1/4 - 28 UNF	H7	2.500	0.563	1.114	0.255	0.191	0.313	3
1101502605	●	1/4 - 28 UNF	H8	2.500	0.563	1.114	0.255	0.191	0.313	3
1101502705	●	1/4 - 28 UNF	H9	2.500	0.563	1.114	0.255	0.191	0.313	3
1101502805	●	1/4 - 28 UNF	H10	2.500	0.563	1.114	0.255	0.191	0.313	3
1101506305	●	1/4 - 28 UNF	H11	2.500	0.563	1.114	0.255	0.191	0.313	3
1101506405	●	1/4 - 28 UNF	H12	2.500	0.563	1.114	0.255	0.191	0.313	3
1101510905	●	5/16 - 18 UNC	H3	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511005	●	5/16 - 18 UNC	H4	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511105	●	5/16 - 18 UNC	H5	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511205	●	5/16 - 18 UNC	H6	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511305	●	5/16 - 18 UNC	H7	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511405	●	5/16 - 18 UNC	H8	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511505	●	5/16 - 18 UNC	H9	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511605	●	5/16 - 18 UNC	H10	2.719	0.874	1.283	0.318	0.238	0.375	3
1101511705	●	5/16 - 18 UNC	H11	2.719	0.874	1.283	0.318	0.238	0.375	3
1101502905	●	5/16 - 24 UNF	H3	2.719	0.689	1.244	0.318	0.238	0.375	3
1101505905	●	5/16 - 24 UNF	H4	2.719	0.689	1.244	0.318	0.238	0.375	3
1101503005	●	5/16 - 24 UNF	H5	2.719	0.689	1.244	0.318	0.238	0.375	3
1101503105	●	5/16 - 24 UNF	H6	2.719	0.689	1.244	0.318	0.238	0.375	3

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED ➔

P Steel					M Stainless Steel			K Cast Iron	N Non-Ferrous Aluminum		S HRSA Nickel Alloy Titanium		H Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel	300	400	17-4 PH	6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
Low	Medium	High														
1010	1035	1045	4140	4340	○	○	○	○	○	○	○	○				
1018	1045	1065			○	○	○	○	○	○	○	○				
25-80 SFM	20-50 SFM	20-45 SFM	20-50 SFM	15-30 SFM	20-45 SFM	20-45 SFM	15-20 SFM	25-75 SFM	40-80 SFM	40-65 SFM	8-15 SFM	8-15 SFM	15-35 SFM			

○ Good ○ Best



## List 11015 (Continued)

HY-PRO® AERO-F



EDP		Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	
1101503205	●	5/16 - 24 UNF	H7	2.719	0.689	1.244	0.318	0.238	0.375	3
1101503305	●	5/16 - 24 UNF	H8	2.719	0.689	1.244	0.318	0.238	0.375	3
1101503405	●	5/16 - 24 UNF	H9	2.719	0.689	1.244	0.318	0.238	0.375	3
1101503505	●	5/16 - 24 UNF	H10	2.719	0.689	1.244	0.318	0.238	0.375	3
1101511805	●	5/16 - 24 UNF	H11	2.719	0.689	1.244	0.318	0.238	0.375	3
1101511905	●	3/8 - 16 UNC	H3	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512005	●	3/8 - 16 UNC	H4	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512105	●	3/8 - 16 UNC	H5	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512205	●	3/8 - 16 UNC	H6	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512305	●	3/8 - 16 UNC	H7	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512405	●	3/8 - 16 UNC	H8	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512505	●	3/8 - 16 UNC	H9	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512605	●	3/8 - 16 UNC	H10	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512705	●	3/8 - 16 UNC	H11	2.938	0.976	1.417	0.381	0.286	0.438	3
1101512805	●	3/8 - 16 UNC	H12	2.938	0.976	1.417	0.381	0.286	0.438	3
1101503605	●	3/8 - 24 UNF	H3	2.938	0.831	1.406	0.381	0.286	0.438	3
1101512905	●	3/8 - 24 UNF	H4	2.938	0.831	1.406	0.381	0.286	0.438	3
1101503705	●	3/8 - 24 UNF	H5	2.938	0.831	1.406	0.381	0.286	0.438	3
1101503805	●	3/8 - 24 UNF	H6	2.938	0.831	1.406	0.381	0.286	0.438	3
1101503905	●	3/8 - 24 UNF	H7	2.938	0.831	1.406	0.381	0.286	0.438	3
1101504005	●	3/8 - 24 UNF	H8	2.938	0.831	1.406	0.381	0.286	0.438	3
1101504105	●	3/8 - 24 UNF	H9	2.938	0.831	1.406	0.381	0.286	0.438	3
1101504205	●	3/8 - 24 UNF	H10	2.938	0.831	1.406	0.381	0.286	0.438	3
1101513005	●	3/8 - 24 UNF	H11	2.938	0.831	1.406	0.381	0.286	0.438	3
1101513105	●	7/16 - 14 UNC	H3	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513205	●	7/16 - 14 UNC	H4	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513305	●	7/16 - 14 UNC	H5	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513405	●	7/16 - 14 UNC	H6	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513505	●	7/16 - 14 UNC	H7	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513605	●	7/16 - 14 UNC	H8	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513705	●	7/16 - 14 UNC	H9	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513805	●	7/16 - 14 UNC	H10	3.157	1.098	1.496	0.323	0.242	0.406	3
1101513905	●	7/16 - 14 UNC	H11	3.157	1.098	1.496	0.323	0.242	0.406	3
1101504305	●	7/16 - 20 UNF	H3	3.157	0.799	1.417	0.323	0.242	0.406	3
1101514005	●	7/16 - 20 UNF	H4	3.157	0.799	1.417	0.323	0.242	0.406	3
1101504405	●	7/16 - 20 UNF	H5	3.157	0.799	1.417	0.323	0.242	0.406	3
1101504505	●	7/16 - 20 UNF	H6	3.157	0.799	1.417	0.323	0.242	0.406	3
1101504605	●	7/16 - 20 UNF	H7	3.157	0.799	1.417	0.323	0.242	0.406	3
1101504705	●	7/16 - 20 UNF	H8	3.157	0.799	1.417	0.323	0.242	0.406	3
1101504805	●	7/16 - 20 UNF	H9	3.157	0.799	1.417	0.323	0.242	0.406	3
1101514105	●	7/16 - 20 UNF	H10	3.157	0.799	1.417	0.323	0.242	0.406	3
1101514205	●	7/16 - 20 UNF	H11	3.157	0.799	1.417	0.323	0.242	0.406	3
1101514305	●	1/2 - 13 UNC	H3	3.375	1.197	1.591	0.367	0.275	0.438	3
1101514405	●	1/2 - 13 UNC	H4	3.375	1.197	1.591	0.367	0.275	0.438	3
1101514505	●	1/2 - 13 UNC	H5	3.375	1.197	1.591	0.367	0.275	0.438	3
1101514605	●	1/2 - 13 UNC	H6	3.375	1.197	1.591	0.367	0.275	0.438	3
1101514705	●	1/2 - 13 UNC	H7	3.375	1.197	1.591	0.367	0.275	0.438	3
1101514805	●	1/2 - 13 UNC	H8	3.375	1.197	1.591	0.367	0.275	0.438	3
1101514905	●	1/2 - 13 UNC	H9	3.375	1.197	1.591	0.367	0.275	0.438	3
1101515005	●	1/2 - 13 UNC	H10	3.375	1.197	1.591	0.367	0.275	0.438	3
1101515105	●	1/2 - 13 UNC	H11	3.375	1.197	1.591	0.367	0.275	0.438	3
1101504905	●	1/2 - 20 UNF	H3	3.375	0.799	1.480	0.367	0.275	0.438	3
1101515205	●	1/2 - 20 UNF	H4	3.375	0.799	1.480	0.367	0.275	0.438	3
1101505005	●	1/2 - 20 UNF	H5	3.375	0.799	1.480	0.367	0.275	0.438	3
1101505105	●	1/2 - 20 UNF	H6	3.375	0.799	1.480	0.367	0.275	0.438	3
1101505205	●	1/2 - 20 UNF	H7	3.375	0.799	1.480	0.367	0.275	0.438	3
1101505305	●	1/2 - 20 UNF	H8	3.375	0.799	1.480	0.367	0.275	0.438	3

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked





## List 11015 (Continued)

HY-PRO® AERO-F



EDP		Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes
				L (Inch)	Lc (Inch)	L1 (Inch)	d (Inch)	k (Inch)	lk (Inch)	
1101505405	●	1/2 - 20 UNF	H9	3.375	0.799	1.480	0.367	0.275	0.438	3
1101515305	●	1/2 - 20 UNF	H10	3.375	0.799	1.480	0.367	0.275	0.438	3
1101515405	●	1/2 - 20 UNF	H11	3.375	0.799	1.480	0.367	0.275	0.438	3
1101517005	●	9/16 - 18 UNF	H3	3.594	0.862	1.307	0.429	0.322	0.500	4
1101517105	●	9/16 - 18 UNF	H5	3.594	0.862	1.307	0.429	0.322	0.500	4
1101517205	●	9/16 - 18 UNF	H6	3.594	0.862	1.307	0.429	0.322	0.500	4
1101517305	●	9/16 - 18 UNF	H7	3.594	0.862	1.307	0.429	0.322	0.500	4
1101517405	●	9/16 - 18 UNF	H8	3.594	0.862	1.307	0.429	0.322	0.500	4
1101517505	●	9/16 - 18 UNF	H9	3.594	0.862	1.307	0.429	0.322	0.500	4
1101517605	●	5/8 - 11 UNC	H3	3.813	1.406	1.835	0.480	0.360	0.563	4
1101517705	●	5/8 - 11 UNC	H5	3.813	1.406	1.835	0.480	0.360	0.563	4
1101517805	●	5/8 - 18 UNF	H3	3.813	0.862	1.307	0.480	0.360	0.563	4
1101517905	●	5/8 - 18 UNF	H5	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518005	●	5/8 - 18 UNF	H6	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518105	●	5/8 - 18 UNF	H7	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518205	●	5/8 - 18 UNF	H8	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518305	●	5/8 - 18 UNF	H9	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518405	●	5/8 - 18 UNF	H10	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518505	●	5/8 - 18 UNF	H11	3.813	0.862	1.307	0.480	0.360	0.563	4
1101518605	●	3/4 - 10 UNC	H3	4.250	1.547	2.012	0.590	0.442	0.688	4
1101518705	●	3/4 - 10 UNC	H5	4.250	1.547	2.012	0.590	0.442	0.688	4
1101518805	●	3/4 - 16 UNF	H3	4.250	0.969	1.449	0.590	0.442	0.688	4
1101518905	●	3/4 - 16 UNF	H5	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519005	●	3/4 - 16 UNF	H6	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519105	●	3/4 - 16 UNF	H7	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519205	●	3/4 - 16 UNF	H8	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519305	●	3/4 - 16 UNF	H9	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519405	●	3/4 - 16 UNF	H10	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519505	●	3/4 - 16 UNF	H11	4.250	0.969	1.449	0.590	0.442	0.688	4
1101519605	●	7/8 - 9 UNC	H6	4.688	1.720	2.217	0.697	0.523	0.750	5
1101519705	●	7/8 - 14 UNF	H6	4.688	1.106	1.622	0.697	0.523	0.750	5
1101519805	●	7/8 - 14 UNF	H7	4.688	1.106	1.622	0.697	0.523	0.750	5
1101519905	●	7/8 - 14 UNF	H8	4.688	1.106	1.622	0.697	0.523	0.750	5
1101520005	●	7/8 - 14 UNF	H9	4.688	1.106	1.622	0.697	0.523	0.750	5
1101520105	●	7/8 - 14 UNF	H10	4.688	1.106	1.622	0.697	0.523	0.750	5
1101520205	●	7/8 - 14 UNF	H11	4.688	1.106	1.622	0.697	0.523	0.750	5
1101520305	●	7/8 - 14 UNF	H12	4.688	1.106	1.622	0.697	0.523	0.750	5
1101520405	●	1 - 12 UNF	H6	5.125	1.291	1.843	0.800	0.600	0.813	5
1101520505	●	1 - 12 UNF	H7	5.125	1.291	1.843	0.800	0.600	0.813	5
1101520605	●	1 - 12 UNF	H8	5.125	1.291	1.843	0.800	0.600	0.813	5
1101520705	●	1 - 12 UNF	H9	5.125	1.291	1.843	0.800	0.600	0.813	5
1101520805	●	1 - 12 UNF	H10	5.125	1.291	1.843	0.800	0.600	0.813	5
1101520905	●	1 - 12 UNF	H11	5.125	1.291	1.843	0.800	0.600	0.813	5
1101521005	●	1 - 12 UNF	H12	5.125	1.291	1.843	0.800	0.600	0.813	5

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED ▶

P					M			K	N		S		H			
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium				
Low	Medium	High			4140 4340	300	400	17-4 PH	6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
1010 1018	1035 1045	1065														
○	○	○	○	○	○	○	○	○	○	○	○	○				
25-80 SFM	20-50 SFM	20-45 SFM	20-50 SFM	15-30 SFM	20-45 SFM	20-45 SFM	15-20 SFM	25-75 SFM	40-80 SFM	40-65 SFM	8-15 SFM	8-15 SFM	15-35 SFM			

○ Good ○ Best



## List 11115

HY-PRO® AERO-F



EDP	Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	
			L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
1111500105	●	M3 x 0.5	H3	49.20	9.60	19.20	3.58	2.79	4.76	3
1111500905	●	M3 x 0.5	H4	49.20	9.60	19.20	3.58	2.79	4.76	3
1111500205	●	M3 x 0.5	H5	49.20	9.60	19.20	3.58	2.79	4.76	3
1111501005	●	M3 x 0.5	H6	49.20	9.60	19.20	3.58	2.79	4.76	3
1111501105	●	M3 x 0.5	H7	49.20	9.60	19.20	3.58	2.79	4.76	3
1111501205	●	M3 x 0.5	H8	49.20	9.60	19.20	3.58	2.79	4.76	3
1111501305	●	M3 x 0.5	H9	49.20	9.60	19.20	3.58	2.79	4.76	3
1111501405	●	M3 x 0.5	H10	49.20	9.60	19.20	3.58	2.79	4.76	3
1111501505	●	M3 x 0.5	H11	49.20	9.60	19.20	3.58	2.79	4.76	3
1111500305	●	M4 x 0.7	H4	54.00	11.10	20.60	4.27	3.33	6.35	3
1111500405	●	M4 x 0.7	H5	54.00	11.10	20.60	4.27	3.33	6.35	3
1111501605	●	M4 x 0.7	H6	54.00	11.10	20.60	4.27	3.33	6.35	3
1111501705	●	M4 x 0.7	H7	54.00	11.10	20.60	4.27	3.33	6.35	3
1111501805	●	M4 x 0.7	H8	54.00	11.10	20.60	4.27	3.33	6.35	3
1111501905	●	M4 x 0.7	H9	54.00	11.10	20.60	4.27	3.33	6.35	3
1111502005	●	M4 x 0.7	H10	54.00	11.10	20.60	4.27	3.33	6.35	3
1111502105	●	M4 x 0.7	H11	54.00	11.10	20.60	4.27	3.33	6.35	3
1111500505	●	M5 x 0.8	H4	60.30	12.70	25.40	4.93	3.86	6.35	3
1111500605	●	M5 x 0.8	H5	60.30	12.70	25.40	4.93	3.86	6.35	3
1111502205	●	M5 x 0.8	H6	60.30	12.70	25.40	4.93	3.86	6.35	3
1111502305	●	M5 x 0.8	H7	60.30	12.70	25.40	4.93	3.86	6.35	3
1111502405	●	M5 x 0.8	H8	60.30	12.70	25.40	4.93	3.86	6.35	3
1111502505	●	M5 x 0.8	H9	60.30	12.70	25.40	4.93	3.86	6.35	3
1111502605	●	M5 x 0.8	H10	60.30	12.70	25.40	4.93	3.86	6.35	3
1111502705	●	M5 x 0.8	H11	60.30	12.70	25.40	4.93	3.86	6.35	3
1111500705	●	M6 x 1	H5	63.50	14.30	28.60	6.48	4.85	7.94	3
1111502805	●	M6 x 1	H6	63.50	14.30	28.60	6.48	4.85	7.94	3
1111502905	●	M6 x 1	H7	63.50	14.30	28.60	6.48	4.85	7.94	3
1111503005	●	M6 x 1	H8	63.50	14.30	28.60	6.48	4.85	7.94	3
1111503105	●	M6 x 1	H9	63.50	14.30	28.60	6.48	4.85	7.94	3
1111503205	●	M6 x 1	H10	63.50	14.30	28.60	6.48	4.85	7.94	3
1111503305	●	M6 x 1	H11	63.50	14.30	28.60	6.48	4.85	7.94	3
1111503405	●	M6 x 1	H12	63.50	14.30	28.60	6.48	4.85	7.94	3
1111507005	●	M8 x 1	H5	69.00	15.00	29.50	8.08	6.05	9.53	3
1111507105	●	M8 x 1	H6	69.00	15.00	29.50	8.08	6.05	9.53	3
1111507205	●	M8 x 1	H7	69.00	15.00	29.50	8.08	6.05	9.53	3
1111507305	●	M8 x 1	H8	69.00	15.00	29.50	8.08	6.05	9.53	3
1111507405	●	M8 x 1	H9	69.00	15.00	29.50	8.08	6.05	9.53	3
1111507505	●	M8 x 1	H10	69.00	15.00	29.50	8.08	6.05	9.53	3
1111507605	●	M8 x 1	H11	69.00	15.00	29.50	8.08	6.05	9.53	3
1111500805	●	M8 x 1.25	H5	69.00	17.60	31.90	8.08	6.05	9.53	3
1111503505	●	M8 x 1.25	H6	69.00	17.60	31.90	8.08	6.05	9.53	3
1111503605	●	M8 x 1.25	H7	69.00	17.60	31.90	8.08	6.05	9.53	3
1111503705	●	M8 x 1.25	H8	69.00	17.60	31.90	8.08	6.05	9.53	3
1111503805	●	M8 x 1.25	H9	69.00	17.60	31.90	8.08	6.05	9.53	3
1111503905	●	M8 x 1.25	H10	69.00	17.60	31.90	8.08	6.05	9.53	3
1111504005	●	M8 x 1.25	H11	69.00	17.60	31.90	8.08	6.05	9.53	3
1111504105	●	M8 x 1.25	H12	69.00	17.60	31.90	8.08	6.05	9.53	3
1111504205	●	M10 x 1.25	H5	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504305	●	M10 x 1.25	H6	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504405	●	M10 x 1.25	H7	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504505	●	M10 x 1.25	H8	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504605	●	M10 x 1.25	H9	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504705	●	M10 x 1.25	H10	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504805	●	M10 x 1.25	H11	74.60	19.10	34.80	9.68	7.26	11.11	3
1111504905	●	M10 x 1.5	H5	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505005	●	M10 x 1.5	H6	74.60	22.20	35.00	9.68	7.26	11.11	3

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
List 11115 metric taps are manufactured to H-limits rather than D-limits.



## List 11115 (Continued)

HY-PRO® AERO-F

SPIRAL POINT	HSS-Co	TiN	C/4.5P	0°	PACKED 1 PIECE
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EDP	Thread Size	Thread Limit	Overall Length	Thread Length	Neck Length	Shank Diameter	Square Width	Square Length	Number of Flutes	
			L (mm)	Lc (mm)	L1 (mm)	d (mm)	k (mm)	lk (mm)		
1111505105	●	M10 x 1.5	H7	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505205	●	M10 x 1.5	H8	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505305	●	M10 x 1.5	H9	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505405	●	M10 x 1.5	H10	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505505	●	M10 x 1.5	H11	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505605	●	M10 x 1.5	H12	74.60	22.20	35.00	9.68	7.26	11.11	3
1111505705	●	M12 x 1.25	H5	85.70	19.10	35.00	9.32	6.99	11.11	3
1111505805	●	M12 x 1.25	H6	85.70	19.10	35.00	9.32	6.99	11.11	3
1111505905	●	M12 x 1.25	H7	85.70	19.10	35.00	9.32	6.99	11.11	3
1111506005	●	M12 x 1.25	H8	85.70	19.10	35.00	9.32	6.99	11.11	3
1111506105	●	M12 x 1.25	H9	85.70	19.10	35.00	9.32	6.99	11.11	3
1111506205	●	M12 x 1.25	H10	85.70	19.10	35.00	9.32	6.99	11.11	3
1111506305	●	M12 x 1.25	H11	85.70	19.10	35.00	9.32	6.99	11.11	3
1111506405	●	M12 x 1.5	H6	85.70	22.20	35.00	9.32	6.99	11.11	3
1111506505	●	M12 x 1.5	H7	85.70	22.20	35.00	9.32	6.99	11.11	3
1111506605	●	M12 x 1.5	H8	85.70	22.20	35.00	9.32	6.99	11.11	3
1111506705	●	M12 x 1.5	H9	85.70	22.20	35.00	9.32	6.99	11.11	3
1111506805	●	M12 x 1.5	H10	85.70	22.20	35.00	9.32	6.99	11.11	3
1111506905	●	M12 x 1.5	H11	85.70	22.20	35.00	9.32	6.99	11.11	3
1111507705	●	M12 x 1.75	H6	85.70	26.30	37.30	9.32	6.99	11.11	3
1111507805	●	M12 x 1.75	H7	85.70	26.30	37.30	9.32	6.99	11.11	3
1111507905	●	M12 x 1.75	H8	85.70	26.30	37.30	9.32	6.99	11.11	3
1111508005	●	M12 x 1.75	H9	85.70	26.30	37.30	9.32	6.99	11.11	3
1111508105	●	M12 x 1.75	H10	85.70	26.30	37.30	9.32	6.99	11.11	3
1111508205	●	M12 x 1.75	H11	85.70	26.30	37.30	9.32	6.99	11.11	3
1111508305	●	M14 x 1.5	H6	91.30	22.50	34.50	10.90	8.18	12.70	4
1111508405	●	M14 x 1.5	H7	91.30	22.50	34.50	10.90	8.18	12.70	4
1111508505	●	M14 x 1.5	H8	91.30	22.50	34.50	10.90	8.18	12.70	4
1111508605	●	M14 x 1.5	H9	91.30	22.50	34.50	10.90	8.18	12.70	4
1111508705	●	M14 x 1.5	H10	91.30	22.50	34.50	10.90	8.18	12.70	4
1111508805	●	M14 x 1.5	H11	91.30	22.50	34.50	10.90	8.18	12.70	4

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked  
List 11115 metric taps are manufactured to H-limits rather than D-limits.



P					M			K	N		S		H						
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel						
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium							
Low	Medium	High			300	400	17-4 PH		6061 7075	Casting			Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1010	1035	1045	1065	4140	4340														
1018	1045	1065	1065	4140	4340														
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
25-80 SFM	20-50 SFM	20-45 SFM	20-50 SFM	15-30 SFM	20-45 SFM	20-45 SFM	15-20 SFM	25-75 SFM	40-80 SFM	40-65 SFM	8-15 SFM	8-15 SFM	15-35 SFM						

○ Good ○ Best





*shaping your dreams*

 **Safe use of cutting tools**

- Use safety cover, safety glasses and safety shoes during operation.
- Do not touch cutting edges with bare hands.
- Do not touch cutting chips with bare hands. Chips will be hot after cutting.
- Stop cutting when the tool becomes dull.
- Stop cutting operation immediately if you hear any abnormal cutting sounds.
- Do not modify tools.
- Please use appropriate tools for the operation. Check dimensions to ensure proper selection.

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