

610-692-6658
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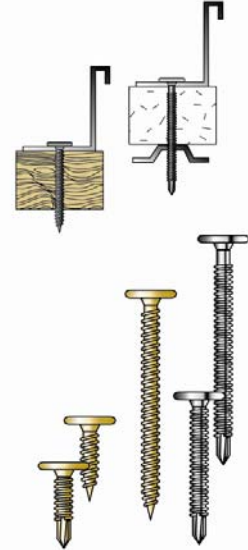
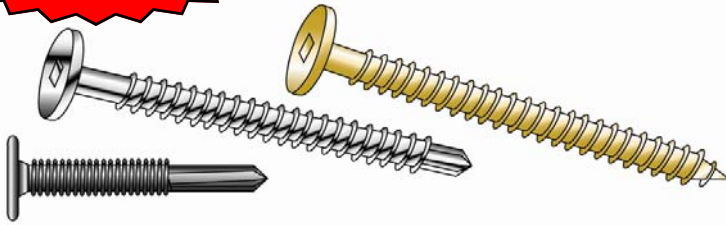


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NOW AVAILABLE
ULP
Ultra Low Profile

Low Profile ClipFast

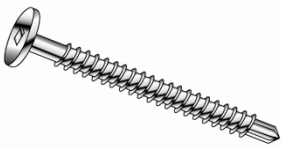
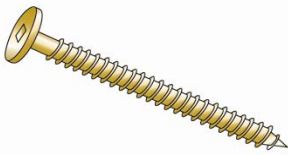
Fastener Systems, Inc.



- Ⓜ Low Profile Eliminates Panel Dimpling while Maintaining Strength
- Ⓜ Gimlet or Self-Drilling Points
- Ⓜ Available in 305 and 410 Stainless or Carbon Steel
- Ⓜ Installer Preferred Square Drive
- Ⓜ Performance Certified by an Independent Testing Laboratory
- Ⓜ *Sip-Coat* for Extended Life in "ACQ" Treated Lumber Exceeds FM 4470

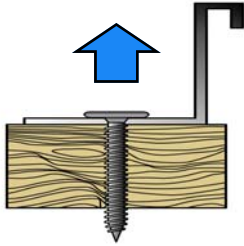
Fastener Selection

Size & Point	Available Materials	Available Finishes	Maximum Drill Thickness
#10-13x1 ULP Gimlet	305 SS & Carbon	Passivated & <i>Sip-Coat</i>	N/A
#10-13x1-1/2 ULP Gimlet	305 SS & Carbon	Passivated & <i>Sip-Coat</i>	N/A
#10-13x2 ULP Gimlet	305 SS & Carbon	Passivated & <i>Sip-Coat</i>	N/A
#10-13x1 Gimlet	Carbon	<i>Sip-Coat</i>	.036"
#12-11x1 Gimlet	Carbon	<i>Sip-Coat</i>	.048"
#12-11x1-1/2 Gimlet	Carbon	<i>Sip-Coat</i>	.048"
#12-11x2 Gimlet	Carbon	<i>Sip-Coat</i>	.048"
#12-14x3/4 SD1	410 SS	Bright Hardened	.048"
#14-13x1-1/4 SD1	Carbon	<i>Sip-Coat</i>	.075"
#14-13x2 SD1	Carbon	Epoxy Coated	.075"
#14-13x3 SD1	Carbon	Epoxy Coated	.075"
#14-13x4 SD1	Carbon	Epoxy Coated	.075"
#14-13x5 SD1	Carbon	Epoxy Coated	.075"
#14-13x6 SD1	Carbon	Epoxy Coated	.075"
#14-13x7 SD1	Carbon	Epoxy Coated	.075"
#14-13x8 SD1	Carbon	Epoxy Coated	.075"
#10-16x5/8 SD3	Carbon	<i>Sip-Coat</i>	.175"
#10-16x1 SD3	410 SS & Carbon	Bright Hardened & <i>Sip-Coat</i>	.175"
#10-16x2 SD3	Carbon	<i>Sip-Coat</i>	.175"
#12-14x1 SD3	410 SS & Carbon	Bright Hardened & <i>Sip-Coat</i>	.210"
#12-14x1-1/2 SD3	Carbon	<i>Sip-Coat</i>	.210"
#12-14x2 SD3	410 SS & Carbon	Bright Hardened & <i>Sip-Coat</i>	.210"
#12-24x1-3/8 SD4	Carbon	Epoxy Coated	.250"
#12-24x2-3/4 SD4	Carbon	Epoxy Coated	.250"
#12-24x3-3/4 SD4	Carbon	Epoxy Coated	.250"
#12-24x4-3/4 SD4	Carbon	Epoxy Coated	.250"
#12-24x5-3/4 SD4	Carbon	Epoxy Coated	.250"
#12-24x6-3/4 SD4	Carbon	Epoxy Coated	.250"
#12-24x7-3/4 SD4	Carbon	Epoxy Coated	.250"



Low Profile ClipFast

Product Capabilities & Technical Data

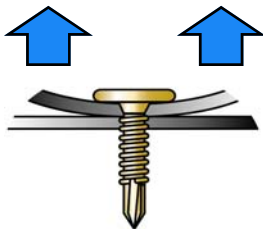
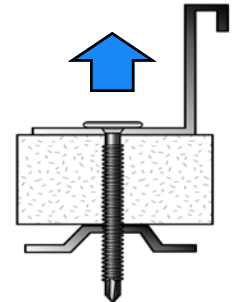


Pull-Out Values (lbs.) for Wood Applications

Size & Point	5/8" Ply	3/4" Ply	2x4 Y. Pine	7/16" OSB	21/32" OSB
#10-13 GIMLET (Carbon & 305 SS)	452	559	796	296	354
#12-11 GIMLET (Carbon)	528	753	752	233	496
#14-13 SD1 (Carbon)	440	578	302	285	360

Pull-Out Values (lbs.) for Metal Applications

Size & Point	26 Ga (.018)	24 Ga (.024)	22 Ga (.030)	20 Ga (.036)	18 Ga (.048)	16 Ga (.060)	14 Ga (.075)	12 Ga (.105)	1/8" (.125)	1/4" (.250)
#12-14 SD1 (410 SS)	N/A	N/A	N/A	397	625	839	N/A	N/A	N/A	N/A
#14-13 SD1 (Carbon)	205	330	425	558	794	1152	N/A	N/A	N/A	N/A
#10-16 SD3 (Carbon & 410 SS)	N/A	224	318	362	495	635	1151	1337	N/A	N/A
#12-14 SD3 (Carbon & 410 SS)	N/A	269	332	370	550	688	1175	1464	N/A	N/A
#12-24 SD4 (Carbon)	N/A	N/A	N/A	N/A	375	500	989	1200	2205	3847



Pull-Over Metal

24 Gauge Clip	22 Gauge Clip	20 Gauge Clip
1003 lbs	1178 lbs	1250 lbs

Mechanical Properties

Size & Point	Material	Tensile (pounds)	Torque (inch-pounds)	Shear (pounds)
#10-13 GIMLET	CARBON	2456	99	1935
#10-13 GIMLET	305 SS	1449	54	1243
#12-11 GIMLET	CARBON	3257	127	2278
#12-14 SD1	410 SS	3727	138	2826
#14-13 SD1	CARBON	4026	192	3461
#10-16 SD3	CARBON	2525	82	1762
#10-16 SD3	410 SS	3059	86	2063
#12-14 SD3	CARBON	3302	129	2466
#12-14 SD3	410 SS	4007	138	2840
#12-24 SD4	CARBON	4281	129	2583

DISCLAIMER: All test results and recommendations are based on laboratory tests. Specific job conditions should be taken into consideration when specifying the proper fastener. Because applications vary, we assume no liability for use of this information. For special applications, contact our Technical Services Department. Published test results should be used as a guide only and should not be intended for engineering purposes.

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