

20% TOUGHER TO REMOVE THAN LOCK WASHERS



Raptor™ Button Heads and Flat Heads are instant security options that can be added to many of our fasteners.

They feature oversized heads with specially designed serrations on the underside that grip and eliminate the need for a washer.

Washers are bad for security. Be aware, using washers of any kind with security screws decreases the security. Washers raise the side walls of fastener heads allowing room for wrenches to grip and tamper or remove.

Both Raptor™ Button Heads and Flat Heads work well on high-tensile applications such as bridges. They're exceptional in fencing, security bars, metal buildings, hurricane protection, vacated properties, public utility junction boxes, manhole covers, and custom high-security applications.

Request a Raptor™ Head on your next fastener order for better torque and hold.

BUTTON HEAD

Raptor™ Button Heads are made with larger diameter heads. The serrations spread the load and grip 15-20% better than regular Button Head Screws. The bigger Raptor™ Head allows a bigger diameter driver, giving you higher-than-normal torque.

FLAT HEAD

Raptor™ Flat Heads are made with larger diameter heads. The serrations spread the load and grip better than regular Flat Head screws. Our Raptor™ Flat Head has earned a patent because the serrations can cut deep into the substrate, doubling the required removal torque. They can easily replace "break-off" screws used in security-sensitive applications such as prisons. They're harder to remove, less expensive, and easier to install.

SIZING

Raptor^{\times} Button Head begins at 6/32(M3) to 5/8 – 11(M16). Raptor^{\times} Flat Head begins at 1/4 – 20(M6) and goes to 5/8 – 11(M16). (see chart on next page).





RAPTOR™ SECURITY HEAD













Basic Screw Diameter	Thread Pitch Course, Fine	Sheet Metal/ Plastic Threads	Length (METRIC)	Key-Rex®	Penta-Plus™	STYKFIT®7	STYKFIT®6	Tam 6-Lobe™	Hex-Pin
.060	0/80	_	1/8 – 1/2"	_	_	-	T-5	_	-
.073	1-72	_	1/8 – 1/2"	_	_	_	T-6	_	_
.086	2-56,64	2-32	3/16 – 3/4"	X03	P04	Y03	T-7	_	_
.099	3 – 48, 56	3-28	3/16 – 1"	X04	P05	Y04	T-8	_	_
.112	4 – 40, 48	4 – 24	3/16 – 1 1/2"	X06	P06	Y06	T-10	T-10	3/32
.125	5 – 40, 44	5-20	1/4 – 1 1/2"	X06	P06	Y06	T-10	T-10	3/32
.138	6 – 32, 40	6-20	1/4 – 1 1/2"	X10	P08	Y10	T-15	T-15	1/8
.164	8 – 32, 36	8 – 18	1/4 – 3"	X12	P25	Y12	T-20	T-25	5/32
.190	10/24, 32	10 – 16	1/4 – 3 1/4"	X25	P25	Y25	T-25	T-27	5/32
.216	12 – 24, 28	12 – 14	1/4 – 3 1/4"	X29	P29	Y29	T-27	T-27	5/32
.250	1/4 – 20, 28	14 – 14	5/16 – 3 1/4"	X30	P31	Y30	T-30	T-30	3/16
.3125	5/16 – 18, 24	_	3/8 – 5 1/2"	X37	P50	Y37	T-45	T-45	1/4
.375	3/8 – 16, 24	_	5/8 – 5 1/2"	X50	P62	Y50	T-50	T-50	5/16
.4375	7/16 – 14, 20	_	5/8 – 5 1/2"	X50	P62	Y50	T-50	T-50	3/8
.50	1/2 – 13, 20	_	3/4 – 5 1/2"	X55	P65	Y55	T-55	T-55	3/8
.562	9/16 – 12, 18	_	7/8 – 5 1/2"	X62	P65	Y62	T-60	T-60	_
.625	5/8 – 11, 18	_	1 – 5 1/2"	X62	P75	Y62	T-60	T-60	1/2
— METRIC WITH INCH TRANSI ATION —									

── METRIC W	ITH INCH TRA	\sim
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Reference	Thread Pitch	See Above	Length (METRIC)	Key-Rex®	Penta-Plus™	STYKFIT®7	STYKFIT®6	Tam 6-Lobe™	Hex-Pin
.063"	M1.6	-	3 – 12mm	-	_	_	T-5	_	-
.078"	M2 x .4	_	3 – 12mm	X03	P04	Y03	T-6	T-8	_
.098"	M2.5 x .45	_	4 – 20mm	X04	P05	Y04	T-8	T-8	_
.118"	M3 x .5	_	4 – 50mm	X06	P06	Y06	T-10	T-10	M2, 3/32"
.138"	M3.5 x 0.6	_	5 – 65mm	X10	P06	Y10	T-15	_	_
.157"	M4 x .7	_	6 – 75mm	X12	P25	Y12	T-20	T-20	5/32"
.196"	M5 x .8	_	7 – 80mm	X25	P25	Y25	T-25	T-25	5/32"
.236"	M6 x 1.0	_	7 – 80mm	X29	P29	Y29	T-27	T-30	M5, 3/16"
.315"	M8 x 1.25	_	10 – 140mm	X37	P50	Y37	T-45	T-45	M6, 1/4"
.394"	M10 x 1.5	_	12 – 140mm	X50	P62	Y50	T-50	T-50	M8, 5/16"
.472"	M12 x 1.75	-	16 – 140mm	X55	P65	Y55	T-55	T-55	M10, 3/8"
.551"	M14 x 1.5	_	20 – 140mm	X62	P65	Y62	T-60	T-60	_
.630"	M16 x 2.0	_	24 – 140mm	X62	P75	Y62	T-60	T-70	M12, 1/2"





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