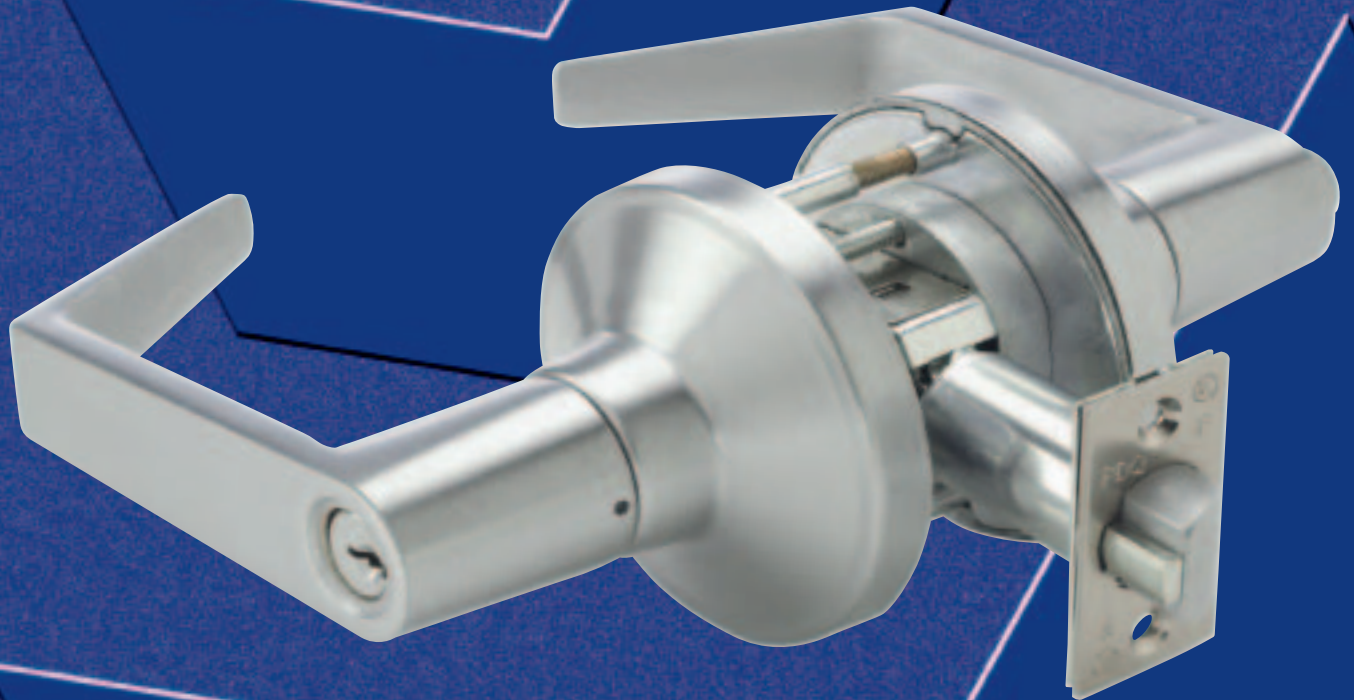


GT Series

Spirit Locks



GT SERIES SPIRIT EXTRA HEAVY DUTY GRADE 1 SERIES

SUGGESTED ARCHITECTURAL SPECIFICATIONS

Lockset will be GT Series *SPIRIT* from PDQ Industries, Inc. Leola, Pennsylvania, assembled in the USA with U.S. and foreign materials and meets the requirements of the Buy American Act. Lockset will have a ten-year limited warranty, and conforms to ANSI/BHMA A156.2-1996, Series 4000, Grade 1. Windstorm Resistant product Listed - ANSI A250.13-2003, ASTM E1886-02, ASTM E330-02. Outswing: 350 ft-lbs., Inswing: N/R, Design Load Rating: 1485 lbf. Locksets shall be listed by U.L./U.L.C. for ratings

of "A" (3 hours) label and less, for single doors up to 4'0" x 8'0". Levers to be solid cast, with no plastic inserts, minimum 5-1/2" overall length with supportive spring power totally independent of chassis or latch unit. Latchbolt to be minimum 9/16" throw and requires only 41° rotation of levers for full retraction. Lockset fasteners to be concealed with through-the-door through-bolt attachment outside the 2-1/8" door prep, **exceeds 2100 in lbs. of torque resistance.**

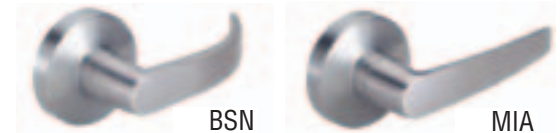
AN EVOLUTIONARY WAY TO SOLVE EXTREME ABUSIVE DOOR SITUATIONS

- No lever sag, ever • 41 degree rotation

SPECIFICATIONS—GT SERIES


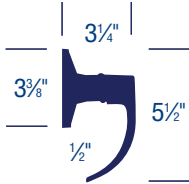

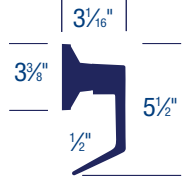

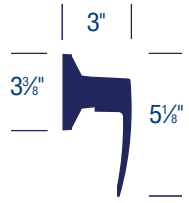
FOR DOORS:	1-3/4" to 2-1/4" thick. Factory adjusted for 1-3/4".
DOOR PREP:	Fits standard 161 door prep. Through-door thru-bolting.
BACKSET:	2-3/4" only. Guarded.
CASE:	Heavy duty zinc diecast, investment cast and chromated cold rolled steel mechanism. Billet steel spindles.
FRONT:	Stainless steel or wrought brass. 2-1/4" x 1-1/8". Beveled 1/8" on 2".
ROSE:	3-3/8" diameter.
STRIKE:	4-7/8" x 1-1/4" (ASA). "T" or "FL" Strike optional. Stainless steel or wrought brass.
LATCHBOLT:	9/16" Throw. Adjustable front for flat or beveled doors.
HAND:	Non-handed.
TRIM:	PHL, BSN or MIA levers are solid zinc diecast. 41° lever rotation. Wrought brass roses. Concealed screws.
KEYS:	Two (2) change keys per lock.
KEYWAYS:	Available in keyways of most major manufacturers.
INTERCHANGEABLE CORE:	Available for all keyed functions. 6 or 7 pin.
CYLINDER:	Brass 6-pin cylinder keyed to 5 pins.
KEYING:	Can be MK, CMK, GMK. Available Zero Bitted (K0), Keyed Different (KD), Keyed Alike (KA). Can be keyed into existing masterkey systems of other manufacturers.
FINISHES:	605 (US3), 606 (US4), 612 (US10), 613 (US10B), 625 (US26), 626 (US26D) *Other finishes available via special order
CERTIFICATIONS:	<ul style="list-style-type: none"> ▶ BHMA Certified Product ANSI/BHMA A156.2-1996, Series 4000, Grade 1. Windstorm Resistant Product Listed - ANSI A250.13-2003, ASTM E1886-02, ASTM E330-02, Outswing: 350 ft-lbs., Inswing: N/R, Design Load Rating: 1485 lbf.
WARRANTY:	Ten-year limited warranty.
COUNTRY OF ORIGIN:	Assembled in the USA with U.S. and foreign materials and meets the requirements of the Buy American Act.

LEVER STYLES



GT SERIES SPIRIT PHILADELPHIA (PHL) LEVER



BORED LOCKS	
GT BSN 	
GT PHL 	
GT MIA 	

CYLINDERS FOR SPIRIT GT SERIES

PDQ cylinders and plugs are designed to interface with the keyways of most major lock manufacturers. Insert cylinders are designed to accept 6 pins and are combined for 5 pins. These cylinders are shipped with two keys. Interchangeable core cylinders are available combined or uncombined for 6 and 7 pins and must be specified when ordering. Available in two finishes—606 (US4) and 626 (US26D); specify when ordering separately.



Spirit Series Interchangeable core cylinder (Small Format)



Spirit Series standard insert cylinder for 1-3/8" to 1-3/4" doors

GT STRIKES

All PDQ series strikes are reversible and shipped with screws. Specify required strike when ordering.

"T" Strike Square
Corners*
1-1/8" x 2-3/4" x 3/32"



"ASA" Strike*
1-1/4" x 4-7/8" x 3/32"

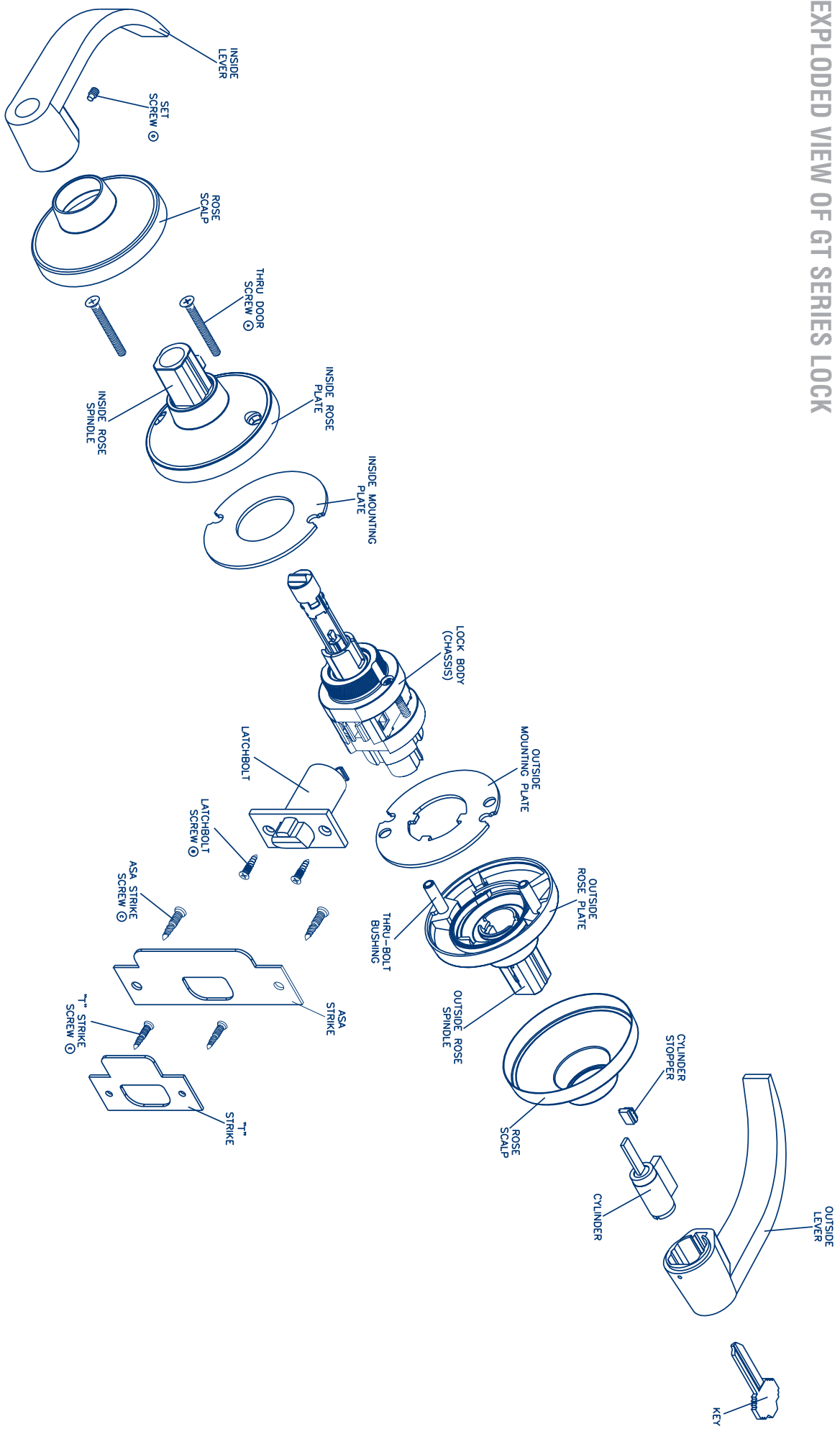


"Full Lip" Strike*
1-5/8" x 2-1/4" x 3/32"
























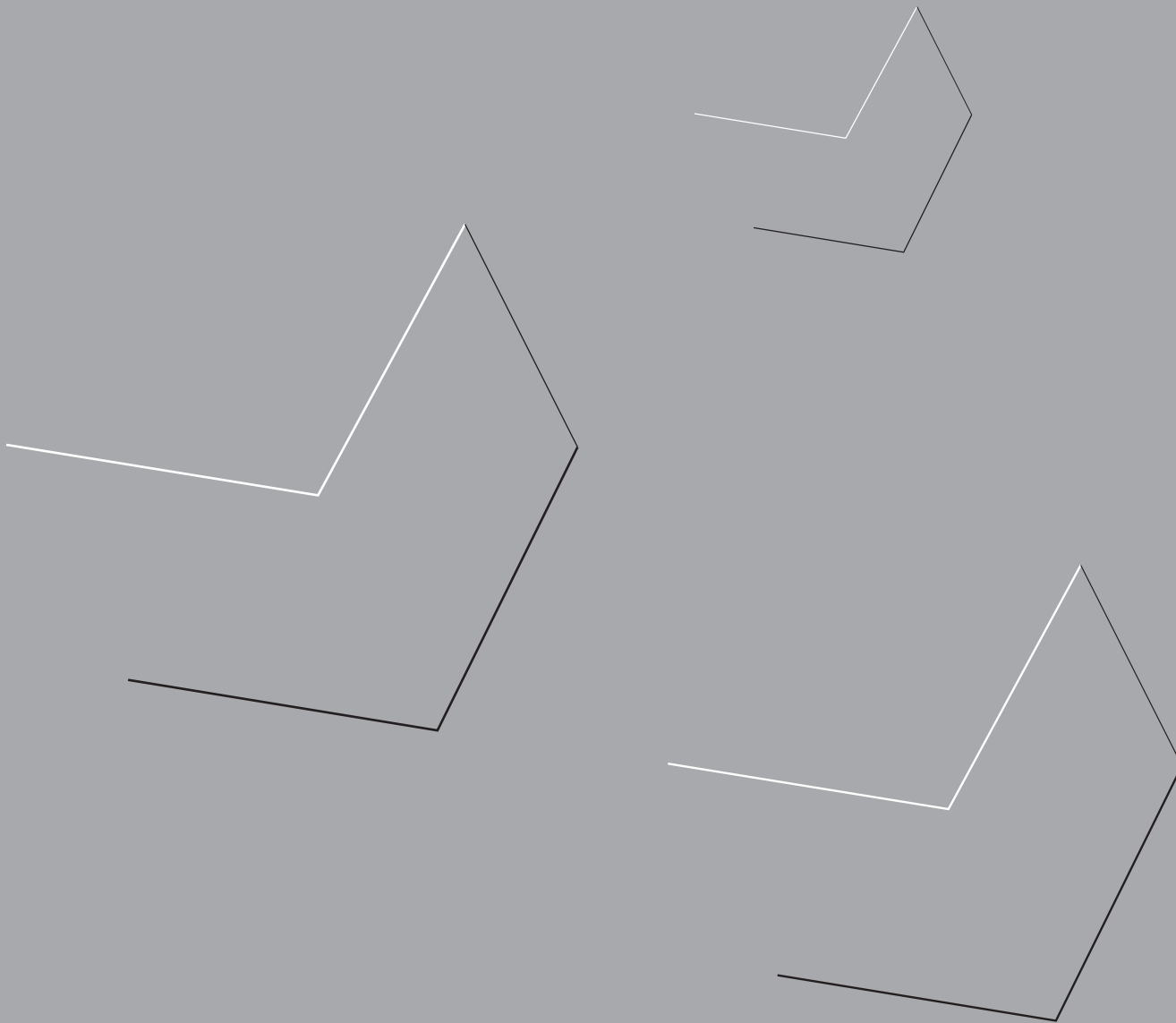
*Not to scale

EXPLODED VIEW OF GT SERIES LOCK



GT SERIES SPIRIT EXTRA HEAVY DUTY GRADE 1 FUNCTION CHART

FUNCTION	FUNCTION NO.	INSIDE	OUTSIDE	FUNCTION DESCRIPTION	ANSI NO.
Entrance	GT 116			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by push/turn button on inside When outside lever is locked by push button on inside – key from outside, or rotating inside lever unlocks outside lever When outside lever is locked by pushing and turning button on the inside, key from outside or rotating inside lever retracts latch but does not unlock outside lever 	F81
Store Room	GT 115			<ul style="list-style-type: none"> Latchbolt operated by inside lever or key in outside lever Outside lever always fixed 	F86
Class Room	GT 148			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Outside lever locked by key from outside Outside lever unlocked by key from outside Inside lever always operates latch 	F84
Entry	GT 182			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by push button on inside Outside lever unlocked by key from outside, or rotating inside lever 	F82
Service Station	GT 155			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by push button on inside When outside lever is locked by push button on inside – key from outside, rotating inside lever, or closing door unlocks outside lever When outside lever is locked by pushing and turning the slotted button on the inside, key from outside or rotating inside lever retracts latch but does not unlock outside lever 	F92
Passage/Closet	GT 126			<ul style="list-style-type: none"> Latchbolt operated by lever from either side at all times 	F75
Privacy Bedroom/Bathroom	GT 176			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or emergency release in outside lever Outside lever locked by push button on inside Outside lever unlocked by emergency release from outside, rotating inside lever, or closing door 	F76
Exit	GT 124			<ul style="list-style-type: none"> Latchbolt operated by inside lever at all times Outside lever always fixed Outside lever has non-removable security features 	F89
Patio	GT 177			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Outside lever locked by push button on inside Outside lever unlocked by rotating inside lever, or closing door Outside lever has non-removable security features 	F77
Hospital Privacy	GT 175			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or emergency turn piece in outside lever Outside lever locked by push button on inside Outside lever unlocked by emergency turn piece from outside, rotating inside lever, or closing door 	
General Entry	GT 137			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Both levers locked by key from either side Both levers unlocked by key from either side 	F91
Communicating	GT 141			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Key in either side locks or unlocks its own lever independently 	F80
Utility Asylum/Institution	GT 128			<ul style="list-style-type: none"> Latchbolt operated by key from either side Both levers always fixed Should not be used on rooms that have no other exit 	F87
Security	GT 120			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Key on outside locks inside lever Key on outside unlocks inside lever Outside keyed lever always free Inside lever has non-removable security features 	
Communicating	GT 125			<ul style="list-style-type: none"> Latchbolt operated by inside lever Blank plate outside Minimum clearance of 1-1/2" between doors Frame depth 7-1/8" 	
Exit or Twin Communicating	GT 129			<ul style="list-style-type: none"> Latchbolt operated by key in inside lever Inside lever always fixed Blank plate outside Minimum clearance of 1-1/2" between doors Frame depth 7-1/8" 	
Vestibule Classroom Security	GT 135			<ul style="list-style-type: none"> Latchbolt operated by lever from either side Key in either lever locks outside lever Key in either lever unlocks outside lever Inside lever always free 	F88
Exit or Twin Communicating	GT 150			<ul style="list-style-type: none"> Latchbolt operated by inside lever Blank plate outside Inside lever locked by key inside Inside lever unlocked by key inside Minimum clearance of 1-1/2" between doors Use only in rooms with more than one exit Frame depth 7-1/8" 	
Dormitory/Corridor	GT 165			<ul style="list-style-type: none"> Latchbolt operated by lever from either side or key in outside lever Outside lever locked by key on outside or push button on inside Outside lever unlocked by key in outside lever, closing door, or rotating inside lever Inside lever always free 	F90
Double Dummy	GT 205			<ul style="list-style-type: none"> Pull lever both sides No mechanical operation 	
Single Dummy	GT 211			<ul style="list-style-type: none"> Pull lever one side No mechanical operation 	



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