



CONE CHART														
HUNTER PART NO.	STYLE 1 DIMENSIONS				HUNTER PART NO.	STYLE 2 DIMENSIONS					HUNTER PART NO.	STYLE 3 DIMENSIONS		
	A	B	C	D		A	B	C	D	E		A	B	C & D
192-51-2	2.23	1.69	1.59	19°	192-52-2	2.58	2.15	1.71	17°	.25	192-154-2	2.33	2.10	11°
192-86-2	2.56	1.69	1.44	34°	192-53-2	2.94	2.50	1.71	17°	.25	192-155-2	2.48	2.25	11°
(A) 192-132-2	2.94	2.50	1.58	17°	192-54-2	3.28	2.85	1.71	17°	.25	192-156-2	2.63	2.40	11°
(B) 192-147-2	2.94	2.69	.94	17°	192-55-2	3.63	3.20	1.71	17°	.25	192-157-2	2.78	2.55	11°
(C) 192-148-2	2.94	2.57	1.46	17°	192-56-2	4.36	3.45	1.71	35°	.25	192-158-2	2.93	2.70	11°
(D) 192-152-2	2.94	2.73	.79	17°	192-57-2	5.18	4.24	1.82	35°	.31	192-159-2	3.08	2.85	11°
(H) 192-179-2	3.04	1.69	1.59	46°	192-87-2	3.10	2.41	1.71	28°	.31	192-160-2	3.23	3.00	11°
—	—	—	—	—	192-88-2	3.63	2.94	1.71	28°	.31	192-161-2	3.38	3.15	11°
—	—	—	—	—	192-89-2	5.18	3.45	1.82	60°	.31	192-162-2	3.53	3.30	11°
—	—	—	—	—	—	—	—	—	—	—	192-163-2	3.68	3.45	11°
—	—	—	—	—	192-96-2	2.83	2.15	1.38	34°	.25	192-164-2	3.83	3.60	11°
—	—	—	—	—	192-97-2	3.36	2.68	1.38	34°	.25	192-167-2	3.98	3.75	11°
—	—	—	—	—	192-98-2	3.89	3.21	1.38	34°	.25	192-168-2	4.13	3.90	11°
—	—	—	—	—	192-99-2	4.64	3.74	1.71	34°	.25	192-169-2	4.28	4.05	11°
(H) —	—	—	—	—	192-180-2	3.93	2.91	1.71	38.5°	.25	192-170-2	4.43	4.20	11°
—	—	—	—	—	—	—	—	—	—	—	192-172-2	4.73	4.50	11°
—	—	—	—	—	—	—	—	—	—	—	192-173-2	4.88	4.65	11°
—	—	—	—	—	—	—	—	—	—	—	192-174-2	5.03	4.80	11°
—	—	—	—	—	—	—	—	—	—	—	192-175-2	5.18	4.95	11°
—	—	—	—	—	—	—	—	—	—	—	192-176-2	5.33	5.10	11°
—	—	—	—	—	—	—	—	—	—	—	192-213-2	2.43	2.01	19°
—	—	—	—	—	—	—	—	—	—	—	192-214-2	2.79	2.44	16°
—	—	—	—	—	—	—	—	—	—	—	192-215-2	3.11	2.71	16°
—	—	—	—	—	—	—	—	—	—	—	192-216-2	3.42	3.05	16°
—	—	—	—	—	—	—	—	—	—	—	192-217-2	3.74	3.37	16°
—	—	—	—	—	—	—	—	—	—	—	192-218-2	4.06	3.65	16°
—	—	—	—	—	—	—	—	—	—	—	192-219-2	4.36	4.05	16°
—	—	—	—	—	—	—	—	—	—	—	192-220-2	4.70	4.32	16°
—	—	—	—	—	—	—	—	—	—	—	192-221-2	5.01	4.64	16°
—	—	—	—	—	—	—	—	—	—	—	192-222-2	5.33	4.96	16°

NO.	Date	Revision	ECO No.
L	1-29-13	REVISED CHART DIM'S; 192-213/214/215/218/219-2	2013-092
K	5-11-12	ADDED 192-213-2 THRU 192-222-2 STYLE 3 TO CHART; ADDED COLUMN FOR C° AND D°	2012-294
J	6-14-10	ADDED 192-176-2 STYLE 3 TO CHART	2010-338
H	8-23-05	ADDED 192-179-2 STYLE 1; AND 192-180-2 STYLE 2	2005-457
G	6-29-05	ADDED 192-163-2 TO CHART	2005-370
F	6-17-04	192-154-2; 2.33 WAS 2.34 & 2.10 WAS 2.11	2004-412
E	2-08-04	ADDED STYLE 3 TO CHART	2004-160
D	4-11-03	ADDED 192-152-2 TO CHART	2003-284
C	10-30-02	ADDED 192-148-2 TO CHART	2002-584
B	4-17-02	ADDED 192-147-2 TO CHART	2002-236
A	6-27-01	ADDED 192-132-2 TO CHART	2001-468
-	12-04-00	RELEASED FOR PRODUCTION	—

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES; TOLERANCES: 2 PL DEC±.015 3 PL DEC±.005 ANGLES±1°													
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SIMILAR TO													
ROUTING	R	I	QC	A	PD	BP	MS	W	P	PS	B	ADV	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5 2009

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THIRD ANGLE PROJECTION

HUNTER Engineering Company
11250 HUNTER DRIVE BRIDGETON MISSOURI 63044

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MATERIAL AS SHOWN FINISH

HEAT TREATMENT SCALE NONE

DR. D. SAUL Date 11-21-04 ENGINEERED BY

SUPERSEDES SUPERSEDED BY

PART NO. 4723-T