

ENGINEERING PART NUMBERS – INCH

Unbrako provides a stock number for every standard, stocked item in its price list. However, there may be particular sizes or optional features the user may desire. The following part numbering system allows the engineer or designer to record a particular description for ordering.

Alloy Steel	Drilled Head (3)	#4	UNRC	1 1/2"	Cadmium Plate
20097	H3	-94	C	-24	C

FINISH

B – Chemical Black Oxide S – Silver Plate
 C – Cadmium Plate – Silver U – Zinc Plate – Silver
 D – Cadmium Plate – Yellow Z – Zinc Plate – Yellow

No letter indicates standard black finish (Thermal Oxide) for alloy steel and passivation for stainless steel.

LENGTH in 16ths

THREAD TYPE C – coarse, F – fine

DIAMETER*

DIA.	#0	#1	#2	#3	#4	#5	#6	#8	#10	1/4	5/16	3/8	7/16	1/2	9/16
DASH NO.	90	91	92	93	94	95	96	98	3	4	5	6	7	8	9

DIA.	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
DASH NO.	10	12	14	16	18	20	22	24	28	32	36	40	44	48

OPTIONAL FEATURES

Cross Drilled Heads: Self-Locking:
 H1 – 1 Hole Thru E – LOC-WEL to MIL-DTL18240
 H2 – 2 Hole2 Thru L – LOC-WEL (Commercial)
 H3 – 3 Holes Thru P – Nylon Plug
 TF – TRU-FLEX
 K – Nylon Plug to MIL-DTL18240

BASE NUMBER

20097 – socket head cap screw – alloy steel
 20098 – socket head cap screw – stainless steel
 72531 – low head cap screw
 12705 – shoulder screw
 16990 – flat head cap screw – alloy steel
 16991 – flat head cap screw – stainless steel
 38030 – button head cap screw – alloy
 38031 – button head cap screw – stainless steel
 05455 – square head cap screw – knurled cup
 05456 – square head cap screw – half dog

Set Screws

Alloy Steel	Stainless Steel	
28700	28707	flat point
28701	28708	cup point
28704	28709	knurled cup point
28702	28710	cone point
28705	28711	oval point
28706	28713	half dog point

* Shoulder screws are designated by shoulder diameter

OPTIONAL PART NUMBERING SYSTEM

PRESSURE PLUG PART NUMBERS

Basic Part No.	Material	1/4"	Finish
29466	A	-4	C

FINISH
 B – Chemical Black Oxide
 C – Cadmium Plate-Silver
 D – Cadmium Plate-Yellow
 S – Silver Plate
 U – Zinc Plate – Silver
 Z – Zinc Plate – Yellow

NOMINAL SIZE IN 16ths

OPTIONAL FEATURES

A – Austenitic Stainless
 D – Aluminum
 E – Brass
 No letter – alloy steel

BASIC PART NUMBER

29466 – dry seal
 *38194 – LEVEL-SEAL
 **69188 – PTFE/TEFLON coated

* Standard stock available in austenitic stainless steel, brass, and alloy only

** Standard stock available in austenitic stainless steel, and alloy only

DOWEL PINS PART NUMBERS

The Part number consists of (1) a basic part number describing the item; (2) a dash number and letter designating diameter and oversize dimension; (3) a dash number designating length.

dowel pin	1/4"	.001 oversize	1/2"
28420	-250	B	-8

LENGTH in 16ths

OVERSIZE A-.0002, B-.001, C-.002 (see below)

DIAMETER in thousandths

BASIC PART NUMBER

28420 – Standard Dowel Pins
 69382 – Pull-Out Dowel Pins

HEX KEYS PART NUMBERS

The Part number consists of (1) a basic part number describing the item; (2) a dash number designating size and a letter denoting finish.

long arm	1/4"
05854	-13

FINISH Standard Black Finish (Thermal Oxide)

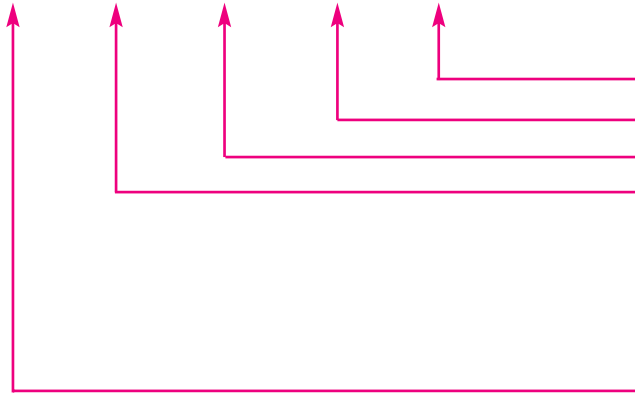
See dash number in dimension table page 32

BASIC PART NUMBER

05853 – short arm wrench
 05854 – long arm wrench
 78950-6" – long arm wrench

ENGINEERING PART NUMBERS – METRIC

Alloy Steel	Drilled Head (3)	4MM Dia.	Thread Pitch	Length	Cadmium Plate
76000	H3	-M4	-0.7	-12	C



FINISH

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 D – Cadmium Plate – Yellow Z – Zinc Plate – Yellow

No letter indicates standard black finish (Thermal Oxide) for alloy steel and passivation for stainless steel.

LENGTH in mm

THREAD TYPE STATE THREAD PITCH

DIAMETER in mm*

OPTIONAL FEATURES

Cross Drilled Heads: Self-Locking:
 H1 – 1 Hole Thru E – LOC-WEL to MIL-DTL-18240
 H2 – 2 Hole2 Thru L – LOC-WEL (Commercial)
 H3 – 3 Holes Thru P – Nylon Plug
 TF – TRU-FLEX
 K – Nylon Plug to MIL-DTL-18240

BASE NUMBER

76000 – metric socket head cap screw – alloy steel
 76001 – metric socket head cap screw – stainless steel
 76002 – metric low head cap screw – alloy
 76032 – metric low head cap screw – stainless steel
 76005 – metric flat head cap screw – alloy steel
 76006 – metric flat head cap screw – stainless steel
 76003 – metric button head cap screw – alloy
 76004 – metric button head cap screw – stainless steel
 76007 – metric shoulder screw – alloy

Metric Set Screws

Alloy Steel	Stainless Steel	
76010	76016	flat point
76011	76017	cup point
76012	76018	knurled cup point
76013	76019	cone point
76014	76020	oval point
76015	76021	half dog point

* Shoulder screws are designated by shoulder diameter

HEX KEYS PART NUMBERS (METRIC)

The Part number consists of (1) a basic part number describing the item; (2) a dash number designating size.

long arm	5mm
76023	5

FINISH Standard Black Finish (Thermal Oxide)

Key size in mm

BASIC PART NUMBER | 76022 – short arm wrench
76023 – long arm wrench

DOWEL PINS PART NUMBERS (METRIC)

The Part number consists of (1) a basic part number describing the item; (2) a dash number and letter designating diameter and oversize dimension; (3) a dash number designating length.

dowel pin	6mm	.0275 oversize	8mm
76024	-6	B	-8

LENGTH in mm

OVERSIZE A-.0055, B-.0275mm

DIAMETER in mm

BASIC PART NUMBER | 76024 – Standard Dowel Pins
76035 – Pull-Out Dowel Pins